

THE BULLETIN

SEPTEMBER 5, 1995 ~ 49TH YEAR ~ NUMBER 3

Kofflers Donate Vast Estate to U of T Foundation

Faculty, students in environmental studies, forestry will use property as field studies centre

BY SUSAN BLOCH-NEVITTE

LONG-TIME U OF T BENEFACTORS Murray and Marvella Koffler and their family have donated an 860-acre environmental, sporting and agricultural estate to the University of Toronto Foundation, creating outstanding opportunities for fieldwork in environmental studies and forestry.

The property, known as Jokers Hill, has been independently appraised in the range of \$16 million and is both the largest gift to benefit U of T and among the largest ever to benefit a Canadian university. "This is an unparalleled gift," President Robert Prichard said. "The philanthropy of the Koffler family is well known and we are deeply honoured that they have chosen to give

this property to benefit the University of Toronto."

A part of the Oak Ridges Moraine, Jokers Hill is located north of Toronto in the northeast part of King township, west of Newmarket. The property consists of heavily wooded forest, an abundance of hard maples, red and white oaks, streams and meadows. An area of more than 400 acres is designated as environmentally protected.

Murray Koffler, founder and honorary chair of Shopper's Drug Mart, said students in a variety of fields ranging from ecology to forestry will benefit tremendously by using the property as a field studies centre. "At the same time," he noted, "the integrity of much of the land will be preserved for the future."

A graduate of the Faculty of Pharmacy,

Koffler has a long association with U of T as an alumnus, former governor, co-chair of the 1976-81 Update fundraising campaign and honorary degree recipient. His generosity has made possible both the Koffler Student Services Centre and Koffler Institute of

Pharmacy Management.

Professor Ann Zimmerman of the Department of Zoology, director of the Division of the Environment, sees the gift as a major boost to the University which, she says, offers more programs on the environment

than any other university in Ontario. One of the division's courses focuses on the Greater Toronto Area and appropriate means of redevelopment. "Our field studies begin at the Oak

~ See KOFFLERS: Page 5 ~

FIRST-CLASS ADVICE



Timetables and the start of fall classes go hand in hand as U of T readies for another academic year. Victoria College registrar Susan McDonald reviews course selections with first-year student Evariste Sibomana; he joins about 700 other new students at the college this year. Orientation fun gears up Sept. 5; the work begins Sept. 11.

Teeth in Fossil Reveal Crocodilian Paradox

BY MICHELLE NOBLE

UNIVERSITY OF TORONTO RESEARCHERS have identified a fossil found in China as that of a 115-million-year-old plant-eating, crocodile-like animal.

Professor Hans-Dieter Sues of the Department of Zoology and the vertebrate paleontology department at the Royal Ontario Museum and

Xiao-chun Wu, a post-doctoral fellow at the ROM, recognized the small crocodilian as a vegetarian because of its chewing apparatus.

"Teeth speak a very unambiguous language in terms of what they tell us about diet," said Sues. The teeth of a meat-eater are designed to grasp and tear flesh, while those of plant-eaters are completely different. "This animal had three rows of cusps with sharp cutting edges. Such a design only makes sense if the animal is cutting the fibrous material of plants."

The jaws of the animal are also typical of herbivores. Unlike the typical crocodile jaws that snap open and shut, the lower jaw of this animal moved back and forth against the upper jaw in a chewing motion.

The fossil was originally found in the Hubei province of China in the 1960s by a team of Chinese petroleum geologists and the fossilized remains were given to a succession of Chinese paleontologists working with early mammals.

Eventually it ended up with Wu. After studying the skull and the rest of the remains, he and Sues concluded it was a crocodile-like reptile. "It is not completely unheard of, evolutionarily speaking, that there was a herbivore member of an otherwise meat-eating family," said Sues. There are other such oddities like the Giant Panda — the lone vegetarian among a family of carnivores.

Sues and his fellow researcher have named the animal *Chimaeraosuchus paradoxus*. Chimaera is a mythical creature that combines different animal features while Souchos is a Greek word for crocodile and of course paradox means odd or puzzling.

Start Your Computers

A CONVENIENT RAMP FROM U of T onto the information highway opens Sept. 25 when e-mail service and Internet access become available for everyone at U of T with a library card.

Students, faculty and staff will have full Internet access, even from home, said Lari Langford, head of access

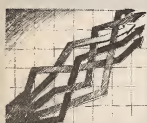
and information services at the U of T Library.

The initiative is the first project of the University's new Information Commons. The facility, located at Roberts Library, will provide support and help develop information technology at U of T. To gain access people must have a library card whose

bar code number will allow them to use e-mail and the Internet.

Starter kits for a variety of desktop computers will be available for \$5 from the information desks at the Roberts, Sigmund Samuel and Engineering Libraries. There will be a cost of 55 cents an hour for online connection but the first 20 hours are free.

INSIDE



Plans galore

LEAP-FROGGING AND ENDOWED chairs play important roles in the academic plans examined this summer by the Budget & Planning Committee. Pages 8, 9, 10

The equity debate

ANOTHER PSYCHOLOGIST JOINS THE debate — and the president sets the record straight. Letters. Page 11

Currents of death?

THE CONTROVERSY ABOUT HEALTH effects of nonionizing electromagnetic fields is the subject of a physics colloquium Sept. 14. Events. Page 13

ACCOUNTABILITY

PERFORMANCE ANXIETY

Universities are used to judging, not being judged

BY ALFRED HOLDEN

BOGDAN MAKSYMOWICZ IS CLEANING UP. Computerized printouts tabulate inspections of his work and often register a 90 percent or higher rating for thoroughness. In Maksymowicz's business — he's a cleaner for the Facilities & Services Department at 45 and 49 St. George St. — this is a nearly spotless record.

From a personal point of view it is also a mixed blessing. "It's nice to know when you're doing a good job," Maksymowicz said during a shift this summer. On the other hand "you realize they're always checking up on you" through frequent inspections and computer technology (supervisors carry hand-held computers to record the cleanliness of every cleanable surface).

Thus are summed up the sentiments — appreciation and apprehension — that have greeted the introduction of performance indicators. Some say the phenomenon will, in one form or another, alter work and life from the nooks and crannies of the Galbraith Building to the world's loftiest bureaucracies.

"We can key some of our indicators to similar measures used by the Organization of Exporting Countries or the United Nations," says Vice-Provost Dan Lang. He is describing how, on a larger scale, the University as a whole will be doing the same thing as its caretakers: developing and taking part in systems to monitor and compare with

~ See PERFORMANCE: Page 5 ~

AWARDS & HONOURS

Faculty of Medicine

PROFESSOR TAK MAK OF THE DEPARTMENTS OF Medical Biophysics and Immunology, director of the Amgen Institute of Toronto and vice-president of Amgen Inc. has been named co-winner of the 1995 King Faisal International Prize for Medicine (molecular immunology). Mak shares the prize with Professor Gregory Winter of the Laboratory of Molecular Biology in Cambridge, England, and Professor Mark Davis of the California Institute of Technology. Mak headed research efforts that led to the cloning and sequencing of the gene for the T-cell receptor, a critical component of the body's defence system.



PROFESSOR TONY PAWSON OF THE DEPARTMENT OF Molecular & Medical Genetics and the Samuel Lunenfeld Research Institute of Mount Sinai Hospital is the 1995 recipient of the Robert L. Noble Prize. The award was established by the National Cancer Institute and is presented annually to an outstanding Canadian investigator permanently residing in Canada whose contributions have led to significant advances in cancer research.

Faculty of Arts & Science

PROFESSOR MILENA DOLEZLOVA-VELINGEROVA OF the Department of East Asian Studies has been appointed the first Jaroslav Prusek Distinguished Visiting Professor at Charles University, Prague, Czech Republic. The professorship was established in honour of the pre-eminent European Sinologist and pioneering scholar in the study of modern Chinese literature. During her three year appointment Dolezlova-Velingerova will re-establish the graduate program in modern Chinese literature and foster the program's international ties with North American and European universities.

IN BRIEF



(978)-7233 spells SAFE

WALKERSAFER RETURNS TO THE ST. GEORGE CAMPUS SEPT. 11. The service, intended to provide a safe escort to and from any location on campus and to transit locations immediately adjacent to campus boundaries, is available free of charge to all students, staff, faculty and visitors to the campus. Walksafer employs screened and specially trained student parrollers and is designed to deter sexual harassment or intimidation, verbal abuse or assault and to enable users to travel from one location to another with a sense of security. The service is available seven days a week except during the Christmas break and on statutory holidays; the hours are Monday to Thursday, 7:30 p.m. to 1:30 a.m. and Friday to Sunday, 9 p.m. to 1 a.m. To arrange for an escort, call 978-7233 (SAFE).

Skating event to benefit students

THE WORLD'S TOP-RANKED FIGURE SKATERS WILL JOIN OLYMPIC MEDALIST Brian Orser for a skating extravaganza, *Rhapsody in Blue*, at Varsity Arena Sept. 23. Money raised will support the Presidents' Circle Graduate Student Scholarship Program to give students from around the world a chance to study at U of T. Participating skaters include Katarina Witt, Kurt Browning, Scott Hamilton, Lu Chen, Isabelle Brasseur and Lloyd Eisler, Ekaterina Gordeeva and Sergei Grinkov and Christine Hough and Doug Ladret.

Always reappointed at St. Michael's

RICHARD ALWAY HAS BEEN REAPPOINTED TO A SECOND SIX-YEAR term as president of St. Michael's College, effective July 1, 1996. Although entitled to a year's administrative leave for each term he serves, Alway is foregoing the entitlement because of St. Michael's difficult financial situation. Therefore the college has extended his appointment by two years, until 2004. A graduate of St. Michael's, Alway is also chair and president of the C.D.Howe Memorial Foundation in Montreal. He was named to the Order of Canada in 1989.

First professor in Jewish studies appointed

PROFESSOR LAWRENCE SCHIFFMAN HAS BEEN APPOINTED THE FIRST Shoshana Shier Distinguished Visiting Professor in Jewish Studies. He will assume the one-term appointment in January and teach an undergraduate course in early interpretations of Hebrew scripture through the Department of Near Eastern Studies and an undergraduate course in the Dead Sea Scrolls through the Department for the Study of Religion. Currently a professor of Hebrew and Judaic studies at New York University, Schiffman is a specialist in the Dead Sea Scrolls, Judaism in late antiquity, the history of Jewish law and Talmudic literature. He was part of the team that published the Dead Sea Scrolls in the Oxford series *Discoveries in the Judean Desert* and will serve as co-editor-in-chief of the *Oxford Encyclopedia of the Dead Sea Scrolls*. The professorship was established by Milton Shier and his family in memory of Shier's wife, a former student in the Jewish Studies Program. It brings an internationally recognized scholar in Jewish studies to the University annually. The visiting professor teaches, meets with students and faculty members and offers a public lecture known as the Shoshana Shier Annual Lecture.

IN MEMORIAM

Berger Was Popular Undergraduate Teacher

PROFESSOR JACQUES BERGER OF the Department of Zoology died March 21 in Toronto after a long struggle with amyotrophic lateral sclerosis. In spite of his declining health he continued to teach until shortly before his death. He was 60 years old.

Born in New York, New York, Berger had a long and distinguished academic career. He was educated in Philadelphia schools and subsequently earned a BSc in zoology and entomology from Pennsylvania State University and an MSc and PhD in zoology from the University of Illinois. He was appointed an instructor in zoology at Duke University in 1963 and assistant professor at North Carolina State University in 1964. He joined U of T in 1965, becoming a full professor in 1978.

"Professor Berger was an outstanding teacher and philosopher whose knowledge of biological sci-



ence was exceptionally broad," said Professor David Butler, a long-time colleague. He could easily start discussing the social behaviour of army ants, for example, and then continue without pause to explain the difference in mating behaviour between the common goldeneye and Barrow's goldeneye (ducks). His wonderful command of biology and

enthusiasm for science led to his success and popularity as an undergraduate teacher of the history of biology and of his special subject protozoology (one-celled animals). He was a pioneer in the taxonomy of ciliate protozoa and latterly made significant discoveries of the impact of environmental oil pollution on ciliates. Many students followed him into biological science. His post-graduate students occupy senior academic posts in Canada and the US.

Berger was a member of many professional organizations, a journal referee, research grant appraiser and associate editor of *Transactions of the American Microscopical Society*. He was a continuing senior fellow of Massey College and a member of University College where his friends delighted in his eclectic interests which ranged from fine art to Blue Jays baseball. A memorial service will be held at UC, East Hall, room 266, Sept. 18 at 4 p.m.

THE BULLETIN SCHEDULE 1995-96

During 1995-96, *The Bulletin* will be published on the following days:

SEPTEMBER 5	NOVEMBER 6	JANUARY 22	MARCH 25
SEPTEMBER 18	NOVEMBER 20	FEBRUARY 5	APRIL 8
OCTOBER 2	DECEMBER 11	FEBRUARY 19	APRIL 22
OCTOBER 23	JANUARY 8	MARCH 11	MAY 6

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Please Note

PROFESSOR P.C. HUGHES OF THE Institute for Aerospace Studies was part of the U of T team that assisted in bringing back three NASA astronauts on the 1970 Apollo 13 space flight (Space Race, Aug. 21). Hughes, the institute's expert on the dynamics of space flight, made very valuable contributions to the recovery effort, said University Professor Emeritus Bernard Edlin. His contribution was not mentioned in the article.

UNIVERSITY - OF - TORONTO

THE BULLETIN

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GIRL PROBLEMS

Working women were a source of suspicion at the turn of the century

BY KARINA DAHLIN

TORONTO AT THE TURN OF THE CENTURY HAD more than its share of organizations committed to the moral reform of the city and the moral redemption of the working girl. Righteous and upright, it was indeed "Toronto the Good."

Today that justice offers plenty of research material for a scholar of crime, justice and women's issues — a scholar like Professor Carolyn Strange of the Centre of Criminology, the author of *Toronto's Girl Problem: The Perils and Pleasures of the City, 1880-1930* (U of T Press).

Although the book is based on Strange's PhD thesis, completed in 1990 at Rutgers, the State University of New Jersey, it is far from being a dry doctoral dissertation. On the one hand it is amusing because it quotes liberally from material written in the overly moralistic language of the early 1900s, suggesting that the "problem" of single, wage-earning women is a thing of the past. On the other, the book serves as a reminder that single women continue to be a source of suspicion.

A hundred years ago working girls were rigorously controlled by the agencies monitoring public places such as amusement parks and dance halls; unescorted women (but not men) were vulnerable to arrest on delinquency charges, Strange writes. "New forms of regulation, such as the city's first policewomen, who monitored public amusements, were introduced specifically with the girl problem in mind, and new agencies, such as the Big Sisters, carried informal yet coercive powers over young single women. The more working girls 'pushed at the boundaries' of sexual respectability by participating in commercial amusements, the more they were apt to find their pleasure-seeking redefined as vagrancy, prostitution, delinquency, or even sexual psychopathy."

So what was the "girl problem"? It wasn't uncontrollable immorality, as many figures of authority seemed to think, Strange argues. It was, she believes, the fact that Toronto, for the first time, had to deal with a growing group of wage-earning women who could lead relatively independent lives. This gave rise to some pointed

questions: who would protect the working girls? How easily might they give in to the temptations of city life? Could society trust them to leave the workforce for marriage and motherhood? Would an independent wage spell sexual independence?

What didn't seem to be an issue was the question of how working girls could survive at all on rock-bottom wages.

Strange's research provides a backdrop for attitudes towards women today. Much has changed, she agrees, but wage parity has still not been reached and the danger of being a single female is still an issue.

"We now hear that single women are suffering from a shortage of suitable marriage partners and that career women are prone to severe mental depression as a result of the stress of singlehood and success," she writes. "The feminist movement, smug conservatives assert, has offered women a false model of achievement that has left them with confused gender identities and empty wombs. Bitter career women have become not only self-destructive but homicidal, as the popular melodramas *Fatal Attraction*, *Misery* and *Single White Female* suggest."

These allegations, Strange says, are clearly linked to the ambivalent response to sin-

gle wage-earning women one hundred years ago. "After all this time," she concludes, "the girl problem appears to have a remarkable capacity for reinvention."

In an interview, Strange says there is a modern-day parallel to past public concerns over the girl problem — the case of young people and jobs. The popular perception that youth are out of hand, the calls for strengthening of the Young Offenders Act and the idea of boot camps for young law breakers are issues that deflect attention from the larger, troubling issue of how our economy can provide jobs for young people, she suggests.

The "immigration panic" is another manifestation of this collective angst, she adds, but this is not new. At the turn of the century foreigners were also blamed for all kinds of ills by established society which ignored the real social problems immigrants faced.



Understanding Link between Fat, Genes

STUDIES LINKING OBESITY TO genetic discoveries are being published in rapid succession these days.

Earlier this summer researchers at Rockefeller University in New York proposed that mice grow obese when they lack the protein leptin and lose weight when injected with it. They said obese mice do not produce enough leptin because of a mutation in the gene that controls the protein's production.

For a while it seemed that obesity was a condition that could be cured with a needle.

However, Brad Hamilton, a PhD candidate at U of T's Institute of Medical Science, published findings Aug. 29 in *Nature Medicine* showing there may not be a magic cure for obesity after all. His research at Sunnybrook Health Science Centre — and a similar study conducted in Sweden — show that in massively obese humans (people who weigh 70 pounds or more than their ideal weight) there is no mutation in the gene controlling leptin production. In fact his research suggests that obese people produce more leptin than thin people do.

The real problem, he speculated, may be that the brain of obese people isn't providing the right signals to the fat cells to shut down.

In response, one of the scientists at Rockefeller, Stephen Burley, told *The New York Times* that Hamilton's findings may mean the obese simply need more leptin than other people to

control their weight.

Maybe an injection is all that is needed, after all.

Meanwhile Professor Robert Hegde of U of T's Departments of Medicine and Clinical Biochemistry published an article in the journal *Circulation* on Sept. 1 describing a gene that makes men more susceptible to gaining weight around the waist. Hegde and other researchers at St. Michael's Hospital believe there are several genes involved in this type of predisposition and have identified one. The gene is found in 25 percent of men and women but apparently only plays an important role in men.

Knowledge about the genetic aspects of weight is growing at an incredible rate, Hegde said in a statement issued by the Heart & Stroke Foundation that funds his research. "A year ago, the closest we could come was an obesity gene in mice. Recently, however, researchers looking for a 'diabetes gene' announced they had found a human gene which may regulate metabolism in populations with a high proportion of clinical (morbid) obesity."

"Today we can say that we have a gene which — regardless of weight — appears to influence how fat is distributed on the body. I am confident that before much longer we will have a very good idea of which genes are involved with the regulation of weight, metabolism and fat distribution, and how they interact with one another and the environment."

Travel without Leaving Home

BY ALIDA MINCHELLA

GET TO KNOW TORONTO without leaving your desk. It's possible, thanks to a group of Scarborough College geography students.

From information about the population of Ajax to the architecture of Mississauga's city hall, *Interactive Toronto: A CD-ROM Guide to the Greater Toronto Area* introduces Toronto to the world via computer. The multimedia project is the result of collaborative work by third-year students in Professor Ted Relp's landscape interpretation class and William Berek, director of the Centre for Instructional Technology Development. The CD should be out by the end of 1995.

The guide is divided into a series of sections about the Toronto region in much the same way a book is divided into chapters. Some of the topics included are culture, environment, transportation, sports and recreation and history. Three other sections contain information about the surrounding regions of Peel, York and Durham. "What we've done is create a kind of information base that is accessible to other students," said Relp, who is chair of Scarborough's social sciences division. "It gives a lot of information with a strong

visual component."

The 32 students, who worked on the guide last winter, were responsible for every step of the project. They researched individual sections, decided what to include in the table of contents, scanned images and designed pages. "A lot of these topics are not easily researched," Relp said. "There is a lot of information, but it's scattered everywhere. This is like doing a book from scratch." Now with the "chore work" done, students can analyze the information and use it for other purposes.

The project, which generated considerable enthusiasm from the class, taught students the skills that will be in demand when they reach the workforce in a few years: the importance of organization on a large-scale project and flexibility, the need for compromise and the impact of final presentation. "The visual presentation is a very significant part of the end product," Relp said. "This kind of thing has a big, big future, whether we like it or not." Students, Berek added, get a firsthand sense of what they can — and cannot — do in designing such a guide.

Relp said he has learned at least as much as the students while working on the project. "I had no conception of a final product," he said. "In many ways, I was following the students."

Social Work Broadens Focus

IT ALL LOOKS VERY IMPERSONAL. In paper. Mission statements are in quotations, objectives are underlined in bold and strategies are numbered. But the intent is very human: to improve social services for minority groups.

The Faculty of Social Work has developed a plan to broaden its focus in an increasingly multicultural society. Over the past few years the faculty's anti-racism, multicultural and native issues committee has been examining five areas — student admission and recruitment, faculty recruitment, curriculum and teaching, community building and research. By doing so it hopes to make students and teaching staff more effective in multicultural settings and increase the number of visible minorities in the faculty.

Professor Usha George, chair of the committee, said community agencies have indicated the faculty's

training is too Eurocentric. While the demographic face of Metro Toronto has been changing, the faculty has taken longer to adjust. "Institutional structures change very slowly. And they do not change unless they are forced to change." The committee, formed in 1994 with faculty, student, alumni and community representatives, is helping the process along.

The faculty has established two scholarship funds — one for black and one for native students. It is also promoting its multicultural focus at recruiting events — by ensuring there are U of T representatives from ethnic and racial minorities at career fairs and by visiting northern Ontario universities with native student alumni.

To give some balance to an otherwise Eurocentric curriculum, social work is attempting to incorporate as many different cultural perspectives

as possible into the program's content. One way to achieve this is by including material about ethnic communities in some courses. Anti-racism and native issues will also be treated as part of several existing courses. "They will not be offered in a separate course because we want to give two messages," said George. "These issues are an integral part of the syllabus and they influence the entire curriculum."

To strengthen relationships with the community, the faculty plans to establish a resource centre to house information and books on the ground floor of 246 Bloor St. "It's a significant step in a movement towards recognizing the importance of training students in diversity and ethno-racial conflicts," George said. As well as providing an opportunity for exchanging ideas and knowledge, she hopes the centre will spark research opportunities with community partners.

FELLOW CANADIANS! OUR COUNTRY NEEDS YOUR HELP!

We nine Canadians, not affiliated with any official group or political party, recently published the following message in French to the people of Quebec via the Montreal newspaper, La Presse:

TO THE PEOPLE OF QUEBEC

As we celebrate the beginning of 1995, we extend our hands in friendship with a hope for your continued presence in Canada. As members of the Canadian family, your uniqueness contributes to the country's greatness. Our wish is that you remain part of Canada.

Lise and David Andrews
Roz and Marvin Giller
Ida and Phillip Rubinoff

Doreen and Arthur Gryfe
Harvey Medland
—Toronto, Ontario

After a follow-up article appeared in La Presse questioning our motives, we were contacted by Francophone members of a Montreal social group. A poignant part of their letter to us reads as follows:

"We hope not to be the only ones to shake the hand you extend. It would only take a certain number of such gestures from all parts of the Country to erase the deep feeling of indifference resented by many (if not most) Quebecers and without which separatists would be fewer. Your testimony means far more than you probably realize."

Let us not depend on politicians and special interest groups to express our views. The people of Quebec should know from Canadians across the country that we nine are only a very few of the many who support Quebecers wishing to remain part of a unified Canada.

If you wish to have Quebec remain a part of this great country, please send us your cards, letters and faxes, supporting this position.

Write to: Canadians for a Unified Canada
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Hart House Activities

SPECIAL EVENTS
Wide Open House - Come discover Hart House on Wednesday, September 13th. Fun, food and prizes abound between 11 a.m. and 2 p.m. Events and demonstrations continue throughout the evening.
Woolshare Concert - Marc Tait, piano on Wednesday, September 13th from 11 - 2 p.m. in the Music Room.

ART
The Justina M. Bamicko Gallery - West Gallery: David Mine "Painting Places & Things", East Gallery: The "Other" Group - Canadian Women Artists 1912-1945.
Arden Room - Student Art Exhibit: Teresa Asencio, Paintings
Craft Classes at Hart House - Painting on Silk with Instructor Chung-Im Kim starts Thursday, September 28th at 6:30 p.m. Pre-register at the Hall Porter's Desk.

MUSIC [For more information, contact 978-5382]
Orchestra - Open rehearsals on Thursday, September 7th, 14th, and 21st at 7:15 p.m.
Jazz Ensemble - First open rehearsal on Monday, September 11th.

Chamber Strings - Open rehearsals on Monday, September 11th and 18th.
Chorus - Auditions will be held September 12th, 18th and 19th at 6:30 p.m. and again in early January. There will be an open rehearsal on Wednesday, September 13th.
Symphonic Band - First rehearsals on Tuesday, September 12th and 19th at 6:30 a.m.

Singers - First rehearsal on Monday, September 18th. Registration is at 6:30 p.m.
ACTIVITIES
Camera Club - Open Meeting with Pamela Williams, artist/photographer on Wednesday, September 13th at 7 p.m. in the Music Room.

Debate Club - Show Debate on Tuesday, September 19th at 7 p.m. in the Debates Room.

Yoga - Beginner and intermediate classes on Mondays and Wednesdays start the week of September 11th. Contact the Hall Porter's Desk at 978-2432 for more information.

ATHLETICS [For more information, contact 978-2447]
Student Locker Rental begins in the Membership Services Office - Women: Monday, September 11th from 9 a.m. to 7 p.m.; Men: Tuesday, September 12th from 9 a.m. to 7 p.m.

Athletics class registration begins Wednesday, September 13th at 9 a.m. in the Membership Services Office, 978-2447.
Masters Swim - This is an opportunity for disciplined recreational swimmers to meet on a regular basis. Meets Tuesdays and Thursdays from 2 to 3 p.m. and Saturdays from 6 to 8 p.m. Opening Day is Tuesday, September 5th.

Underwater Club - Orientation Night for new members is Wednesday, September 13th at 7 p.m. in the East Common Room.

Staff and Faculty members of the University's Joint Membership Plan! As part of our management information system, Hart House is asking you to have a Senior Member photo card processed to enable access to the athletics facilities at Hart House in September. Call us at 978-2447 for details or drop by the Membership Services Office, Monday-Thursday 9 a.m. to 7 p.m., Friday 9 a.m. to 5 p.m.

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PERFORMANCE ANXIETY

— Continued from Page 1 —

and taking part in systems to monitor and compare with others the overall performance of U of T and its programs.

Indeed the introduction of performance indicators into many areas of U of T is further along than many people may realize. An overall commitment to the principle of adopting systems "for self-assessment and accountability" was contained in Planning for 2000 and since the provostial white paper was published last year talks have begun with employee groups.

BUT WHAT ARE PERFORMANCE INDICATORS? POSING THIS question brings to light a paradox: establishing indicators has become a goal of institutions before many people — including some charged with bringing such systems to life — know much about them. So far the popular definitions are more helpful philosophically than in practical terms. "A performance indicator is a policy-relevant statistic, number or qualitative description that provides an indication that the university, some aspect of it or the university system is performing as it should," says the Association of Universities & Colleges of Canada.

A haze of abstractness surrounds the concept, also called quality, responsiveness or statistical indicators. Fiscal austerity and amorphous pressures such as the politically conservative climate of the 1990s are two reasons for the popularity of benchmarks. AUCC in its June 1995 *Research File* described it this way: "in this period of fiscal restraint, the emphasis is on 'value for money,' or ensuring that funds invested in public education are well spent." Hence a demand for, and now a scramble to create, "outcome measures" that universities might offer governments and the public as a sort of report card on themselves.

In fact the writing has been on the wall for awhile. In Ontario the Rae government established a Task Force on University Accountability in 1991, chaired by former U of T governor William Broadhurst. It supported measures that could be used to manage universities, create comparisons and reassure the public of their worth. And the popularity of *Maclean's* annual survey of universities has demonstrated the public is demanding clearly comprehensible ways of sizing up university performance.

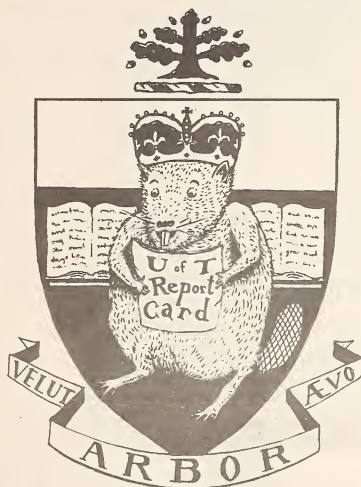
The Broadhurst recommendations led to the development of a set of performance indicators for universities by the Council of Ontario Universities. Some may be familiar: retention rates, time to graduation, class size and the grade averages of entering students are already used by universities for various purposes.

Other COU indicators such as "employability" will require the marshalling of information from various sources, for example, from Statistics Canada. If the indicators involve national, program-by-program comparisons, they are likely to be more hotly controversial within academia than with the public. The general population may be pleased by such comparisons because they may offer answers to the most basic accountability question: are people getting the education they need?

SO VAST AND COMPLICATED ARE UNIVERSITIES THAT SOME

people feel efforts to attach numbers to mission statements are fraught with danger or border on futility. The hazards are not disputed among advocates. "Some things are easy to develop measures for, some are quite hard and some I dare say are impossible," acknowledges Professor Michael Finlayson, vice-president (administration and human resources). Over the next year he will be wrestling with the problem as he develops and implements performance indicators throughout his portfolio.

"There are some real methodological issues to be resolved," says Deputy Provost Carolyn Tuohy. Great care is needed in choosing indicators and people should not put disproportionate faith in them. "We will have to take them with a grain of salt, recognizing that what we're trying to get at is exceedingly complex."



How numbers should be interpreted is always debatable. The measure of average class size is one example — the belief that small is better was challenged by a recent AUCC paper that stated class size is not a factor affecting quality of education. Another common indicator is the size of a library's holdings. The COU committee discussed this, noting much information is now obtained online. Lang, who chaired the COU project, says the steering group settled on library spending per student, a better overall indicator.

Talks about benchmarks between the U of T Faculty Association and administration are ongoing. Indicators such as those recommended by COU have been discussed; UTFA has adopted a wait-and-see attitude until the release of COU's final report, says Professor Rhonda Love of the Department of

Behavioural Science, UTFA's vice-president (grievances). If its recommendations are implemented at U of T, this could affect terms of employment and the Memorandum of Agreement which governs the relationship between the association and administration.

Representatives of the U of T Staff Association also have concerns. For instance staff in human resources offer "soft" services, assisting employees in ways not always easy to predict or measure. UTSA president Louise Oliver says in many jobs "numbers just don't tell the story. I'm sure anyone who works with students knows that some enquiries take a minute and others take an hour or a day." Finding useful indicators will involve a great deal of knowledge of the jobs and tasks being measured, she asserts.

Oliver would like to see staff involvement when benchmarks are being established. "If the wrong indicator is chosen there would be a lot of fear and uncertainty. Already people feel very nervous — none of us is really very sure where we stand with our job," she notes. Finlayson says U of T definitely does not want indicators that "would leave employees feeling as though they are never up to snuff. That would be counterproductive. You could always be striving for impossible goals."

The Rethinking Administration project is one area where the use of indicators could be very important. The initiative, which looks for ways to stretch University resources, has eliminated steps in buying and bill-paying procedures and will use indicators to compare before and after results.

Tuohy notes one significant hazard to guard against is the potential for indicators to steer academic priorities. If people rely exclusively on what indicators measure they may end up doing research to produce a good measure — but is that good research? "That's certainly a concern that's been raised and it is something that we have to be sensitive to," she says. One more worry: could indicators become a record-keeping mess? Tuohy is emphatic: "We don't want to be calculating endless numbers of measures."

ESTABLISHING PERFORMANCE INDICATORS ACROSS U of T's vast and complex dominion is a daunting task. But the commitment to find good ones is firm and not without precedent. Scrutiny from one's peers

is a longstanding tradition in academic circles and making universities similarly accountable to the public is seen by some as an exciting idea. "I think a lot of universities are awakening to the possibilities," says Tuohy.

Vice-Provost Paul Gooch, who is on a team that will be discussing performance indicators with divisions, concurs. "We need our various disciplines and departments and academic groups to be reflecting on what they think is excellent work and how we measure it," he says. "The more people who own these goals, and make them public, the better. We'll probably make some wrong moves here and there but I think we're on the right track. The product of an educated mind is our best advertisement for the public and we have to help people understand the purposes of a university education."

DAVID ROYCE

Kofflers Donate Estate to U of T Foundation

— Continued from Page 1 —

Ridge Morsine and come down the Don River, ending at the waterfront. Now we'll have the opportunity to study what the area might have looked like before it was developed. Jokers Hill will allow us to expand the students' understanding of how development impacts streams of the GTA."

Zimmerman anticipates that many departments will incorporate the facility into study programs. For example, the Departments of Botany and Zoology will be able to use it for fieldwork in their new 300-level ecology course. "Ontario's new environmental bill of rights commits us to protecting and rehabilitating ecosystems," she said.

"Jokers Hill provides us with one benchmark as to how an ecosystem in southern Ontario should look."

Dean Rorke Bryan of the Faculty of Forestry called the gift a very important acquisition. In addition to its use by undergraduate and graduate students, it will serve as a site for faculty research. Past problems in conducting fieldwork — equipment moved or vandalized, access and cost concerns associated with using private land, should no longer be an obstacle. "And it's sufficiently close to all three campuses that we really can use it effectively for ongoing projects."

Jokers Hill will benefit numerous other programs such as Scarborough's



Rorke Bryan

environmental science co-op program, Bryan said. "There is a strong research group there working on groundwater contamination which will be excited about this for field teaching and research. A lot of the forests in that region were actually set up by foresters in the 1920s and 30s to control soil erosion. A study of the dynamics of restoration after degradation can almost certainly be carried out in that area."

The Koffler gift significantly strengthens U of T's environment-based programs, which will be further enhanced by endowed chairs as part of the upcoming fundraising campaign. "The major challenge facing the University in this planning period is faculty renewal at

senior and junior levels," said Deputy Provost Carolyn Tuohy. "The endowment of chairs in our areas of strength is going to be one of the central priorities in our planning. Environmental education is an area in which a number of divisions have plans to grow and build."

Community leaders in King township share the University's enthusiasm for the Koffler family gift. "We are delighted to welcome the University of Toronto to the Township of King," said Mayor Margaret Black.

The gift was made to the University through the U of T Foundation, established in 1994 to encourage major donations to the institution.

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Brain Tissue Bank Receives Reprieve

THE CANADIAN BRAIN TISSUE Bank received a temporary reprieve last month with the announcement of a \$50,000 grant from the Ontario Mental Health Foundation. The U of T-affiliated tissue bank has been on the verge of closing since the withdrawal of funding from the Medical Research Council and other groups.

In an interview Dr. Howard Cappell, executive director of the foundation, said a review panel in his organization was unanimous in its support. The funds will allow the bank to remain open on a part-time basis but more stable, long-term financing arrangements are

still being sought, said Annette Dukszta, the bank's executive director.

In June the tissue bank received a \$55,000 donation from private industry. It then applied for matching funds from MRC to establish an industry-university partnership but the application was not approved. The bank has since reapplied to the granting council; no decision has yet been made.

The brain bank, with labs at the Clarke Institute of Psychiatry, is one of just three facilities of its type in North America that specialize in documenting and storing brain tissue for research.

New Position for Valdés

PROFESSOR MARIO VALDÉS OF the Department of Spanish & Portuguese and the Centre for Comparative Literature has been appointed the first Northern Telecom Professor of Ibero-American Studies.

Funding for the Program on Ibero-American Languages & Cultures was established in part by

a \$750,000 gift from the telecommunications company. The funds will be used to expand undergraduate and graduate studies, create exchange programs and develop courses for students from a range of academic disciplines.

Ibero-American refers to the cultures of Spain, Portugal and countries in Latin America.

Howard Engel Named UC Visitor

NOVELIST, POET AND BROADCASTER Howard Engel has been chosen as the 1995-96 Barker Fairley Distinguished Visitor in Canadian Culture at University College.

The visitorship, named for scholar and painter Barker Fairley, is awarded yearly to accomplished individuals in various fields. The purpose of the program is to enhance links between U of T and Canada's

prominent cultural figures.

Engel is the author of the Benny Cooperman Mystery Series, consisting of 10 novels to date including *The Suicide Murders*, *Dead And Bored* and this spring's *Getting Away With Murder*, published by Viking Penguin.

Engel is available to meet with students, researchers and various classes. Appointments can be made at 978-8091.

EASING INTO CAMPUS LIFE



JEWELL RANDOLPH

Most new students are enjoying orientation events this week but for 177 first-year medical students, whose classes start today, orientation was held last week. Led by 60 second-year students, the incoming class became acquainted in various ways — quietly in small groups, loudly in semi-athletic competitions and hungrily at lunches and dinners supplied by corporate sponsors. *The best orientation in North America*, declared a staff member in the Faculty of Medicine. Forty-three percent of the class is female, 57 percent male.



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REDUCTIONS, EXPANSIONS

Divisions will take budget cuts of 1.6 percent a year for five years but there is still room for growth — particularly if private funding can be found

PHASE ONE OF U OF T'S ACADEMIC PLANNING PROCESS is over. In a series of meetings this summer, Budget & Planning Committee approved the funding of 17 divisional plans — and requests from three others — that will shape the University as it enters the next century.

"There's a sense of pleasure and relief in reaching the end of this part of the process," Provost Adel Sedra told committee members in June. "We're as proud of the process as the results. It has involved departments in focusing on shared goals." The committee examined and unanimously approved the provost's recommendation for funding arising from the plans; the recommendation goes to Academic Board for approval in October.

In this issue *The Bulletin* looks at the plans of law, medicine, arts and science, Erindale College, social work, dentistry, the centres and institutes in the School of Graduate Studies, Woodsworth, the Transitional Year Program, other colleges and the federated universities, management and engineering as well as requests from education, forestry and music. Highlights of the plans in the articles that follow include both faculty requests and the committee's approval or denial of funds.

In an interview Sedra said the plans strengthen core areas in each division and target areas of growth. For instance the Faculty of Arts & Science will continue to offer a broad range of programs in both new and established areas while altering the balance of resource allocations — the humanities will contract somewhat relative to the social, physical and life sciences. The faculty will also stress cross-disciplinary studies.

The plan of the Faculty of Applied Science & Engineering focuses on growth, particularly in areas of high student demand such as computer engineering and environmental engineering. The Faculties of Law and Management also have ambitious growth plans, specifically in faculty complement, which would make them major international centres in their fields.

All divisions, as stated in U of T's long-range budget guidelines, must absorb annual 1.6 percent base budget cuts from now until 2000. Divisional priorities will be funded through the Academic Priorities Fund; the Academic Transition Fund will help divisions adjust to lower levels of spending.

The University cannot fund all divisional priorities using only internal resources, Sedra said. Private fund raising must also play a large role; in many plans the University has allocated central funds contingent upon funds raised through donors. "We have

to use our money strategically. We want to get divisions to take fund raising seriously."

To encourage divisions to seek benefactors the University has instituted a number of incentives. For example, a division that raises \$1 million for an Endowed Adjustment Fund chair for an existing senior faculty member will receive funding to allow for a junior appointment. In certain key areas of growth the provost has instituted a "leap-frog" arrangement which provides two new junior positions for each new Endowed Adjustment Fund chair established.

The academic planning process fits well with U of T's upcoming campaign, Sedra said. There will be a "tight coupling" between academic plans and campaign priorities; the campaign's projects will be determined by academic priorities. "We will be needs driven, not donor driven," he emphasized.

The divisional plans are the culmination of a process that started in February 1994 when the University's white paper, *Planning for 2000*, was published, setting forth themes, objectives and strategies for a new vision of U of T in a time of diminishing resources.

The white paper lists U of T's 10 goals including:

- * establishing a strong link between teaching and research
- * restructuring areas of study
- * recruiting and supporting outstanding students, faculty, administrators and staff
- * developing infrastructure such as electronic links and libraries
- * strengthening participation in research networks.

After the white paper was published divisional plans were developed; a provostial group then examined them looking for continuity in building on strengths, creativity in initiating new ventures without large investments of money and selectivity in deciding what is and is not possible to do. Following consultation with the provost's office, the divisional plans were brought forward for budget and planning consideration.

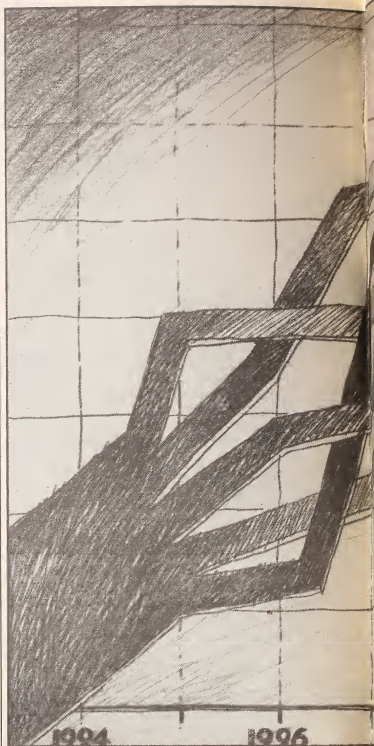
Some plans, which were not presented to budget and planning this summer, will come forward in the fall. They include the Faculties of Information Studies, Nursing and Pharmacy, the School of Physical & Health Education, Scarborough College and the School of Graduate Studies (administrative component). Information technology, library and capital requests were deferred pending a comprehensive review of these areas in the fall.

endorsed the merger takes effect July 1, 1996

- * plan encourages broad range of discipline-based specialist programs and cross-disciplinary initiatives in areas such as archaeology, developmental biology and international studies.

Discussion:

At the end of the planning period there will be 12 percent fewer faculty members in the humanities, three percent fewer in social sciences and two percent fewer in physical and life sciences. Dean Marsha Chandler explained that the relatively large number of positions disappearing in humanities — mainly in French and English — is due to the retirement of members of the former college departments (integrated into University departments 20 years ago). Student demand is another factor in the allocation of new positions, she said. In administrative services no staff layoffs are planned although \$400,000 will be saved by not replacing nine vacated positions, by reclassifying a number of jobs, by keeping some salaries of new appointments below mid-point and by sharing administrative services among departments.



FACULTY OF MEDICINE

The faculty's cuts are based on a budget of \$56,725,493. It will receive \$1,977,650 from the Academic Priorities Fund in base funding, \$650,000 in one-time-only funding and \$555,459 in OTO funds from the transitional fund.

Highlights:

- * faculty requests include 31.2 academic positions; committee approves 26.4 FTEs from the priorities fund outright and another four conditional on private fund raising (allocation of positions at dean's discretion)
- * faculty requests six administrative positions; four granted
- * faculty requests \$240,000 for two FTEs for academy directors; \$120,000 for one FTE granted
- * other requests granted: \$450,000 for seven positions in molecular medicine research, \$90,000 and \$64,350 for associate and assistant professor positions in health services research program, \$128,700 for two FTE assistant

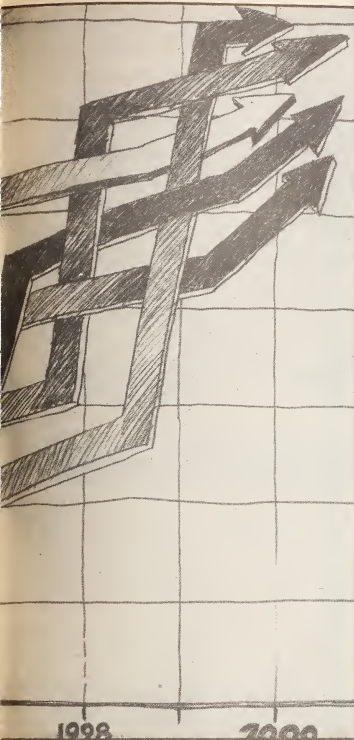


FACULTY OF ARTS & SCIENCE

The faculty will take its cuts from a base of \$111,887,078. Increases include \$5 million to the base budget and \$1.8 million in one-time-only funds.

Highlights:

- * over the planning period 106 positions will be vacated; 80 will be replaced. Of these 62 will be fully funded by the priorities fund and 18 under the endowed chairs program
- * faculty requests \$550,000 for teaching assistants, \$160,000 for stipends; a total of \$300,000 granted
- * of a \$117,000 request for administrative services \$52,000 granted
- * proposal to merge the Departments of Near Eastern Studies and Middle East & Islamic Studies accepted by the faculty but still needs approval by a committee of Governing Council; if



professors in physical therapy, \$18,000 for .5 FTE secretary in speech pathology, \$64,350 for one FTE assistant professor in anatomy and cell biology, \$193,050 for three FTE assistant professors in biochemistry, \$88,000 for two FTE technicians in division of teaching laboratories.

Discussion:

The faculty undertook its own planning process before U of T's academic planning process was launched. Among its objectives were reductions in undergraduate enrolment; revisions of undergraduate curriculum to emphasize problem-based learning; and an increased emphasis on the relationship between hospital-based and campus-based elements of faculty, notably through the establishment of academies. The faculty has identified five key areas of research emphasis over the next five years: genetic and environmental determinants of disease; immunotherapeutics; functional imaging; brain and behaviour; and integration of research in health care and community. Plans include raising funds for at least 15 endowed chairs.

FACULTY OF MANAGEMENT

As of 1996-97 the faculty's base budget will be \$6,239,302. However, depending on the success of fundraising it may receive \$1,065,019 more in new base budget funding, mostly to support 15 new teaching positions. The faculty also received one-time-only funding of \$520,800 from the priorities fund and \$695,830 from the transitional fund.

Highlights:

- * non-replacement of 3.81 FTE teaching positions will permit a required base budget cut of \$471,692
- * \$55,000 in base funding granted for associate director for recruitment and admissions; other requests for increased scholarship and fellowship assistance denied
- * to help with faculty's move, one-time-only funds of \$261,800 for computer equipment and support granted.

Discussion:

The faculty "made a very convincing case" for increasing its complement of teaching staff, Sedra said. There will be a reduction of stipendiary teaching, a new MBA section and increased doctoral enrolment in response to student demand. Asked by a committee member whether expansion is justified in an era of business downsizing, Dean Hugh Arnold said the loss of jobs in middle management has increased the demand for highly trained managers in downsized organizations.

FACULTY OF APPLIED SCIENCE & ENGINEERING

Cuts to the faculty's \$28.7 million base budget will reduce the faculty's academic complement by 19.10 FTEs and administrative staff by 16.4 FTEs over the planning period. The faculty requested base budget funds of \$3,691,490 and received \$1,641,110. Another \$611,550 is contingent on fund raising for endowed chairs. In one-time-only funds it will receive \$1,734,000 from the priorities fund and from the transitional fund.

Highlights:

- * request granted for funds for 27 FTE academic positions; nine to be funded under the Endowed Adjustment Fund matched chairs program, four under the leap-frog arrangement and the rest from the Academic Priorities Fund
- * faculty proposes merging of Department of Industrial Engineering into Department of Mechanical Engineering and combining first two years of these undergraduate programs; subject to approval of Academic Board
- * OTO funding of \$40,000 granted over three years for a faculty-wide initiative for greater English proficiency
- * faculty requests \$167,000 for base funds for teaching assistants in expanded computer engineering program; \$83,500 granted and provost suggests that the faculty find remaining funds from programs that reduce enrolment
- * faculty requests \$1,250,000 in OTO to upgrade undergraduate teaching labs; \$500,000 granted
- * faculty requests \$1,790,074 for severance payments and bridges for academic positions that are cut; \$402,000 granted for severance payments
- * \$100,000 to expand Professional Experience Year program granted.

Discussion:

Professor Annelise Jorgensen of the Department of Anatomy & Cell Biology acknowledged that English proficiency is a University-wide problem that has been addressed across the past with the introduction of writing laboratories. In the past three or four years there has been an improvement. However, Professor Peter Reich of the Department of Linguistics wondered whether the administration should take responsibility in this area; the faculty could then spend money on other initiatives.

COLLEGES AND FEDERATED UNIVERSITIES

University, New and Innis Colleges and the federated universities (St. Michael's, Victoria and Trinity) offer academic programs in the Faculty of Arts & Science, under whose planning process these plans were addressed. However, they also provide a range of other services from writing workshops to counselling as well as libraries and computer services.

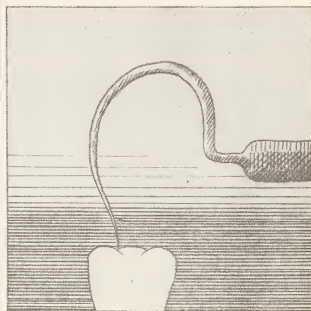
Highlights:

- * UC will receive \$43,400 for a full-time counselling officer within the registrar's office and \$52,300 to provide support for peace and conflict studies
- * most of New College's requests for \$1,473,900 in one-time funding from the priorities fund were deferred; requests relating to inadequate wiring and security are being discussed with the Facilities & Services Department
- * Innis will receive \$20,000 in base funding for its research and training centre (related to instructional technology) and for teaching assistant salaries in its math and statistics centre; Innis was referred to other sources for \$225,000 to improve wheelchair accessibility
- * St. Michael's will receive \$15,000 one-time-only funding for the writing centre to allow time for secure base funding to be developed. It will also receive \$44,000 one time only for a .5 FTE position in Celtic studies while funds for an endowed chair are raised
- * Trinity will receive \$15,000 for its writing workshop to allow time for base funding to be developed

- * Victoria College will receive \$15,000 for its writing workshop; requests to support space for teaching assistants denied.

Discussion:

The provost expressed concern about the "precarious" financial position of St. Michael's and the budget problems at New. The colleges are central to the enhancement of the undergraduate student experience and, over the longer term, the University must address the lack of "an appropriate framework for comprehensive and collaborative planning at the colleges," he said. UC, New and Innis are moving to assume responsibility for their residences and the integration of other college services. In addition the renegotiation of the Memorandum of Agreement this year will provide a major opportunity to re-examine U of T's relationship with the federated universities.



FACULTY OF DENTISTRY

With an operating budget of \$14.4 million from University sources and another \$2.5 million from clinical activities, the faculty is relatively well endowed among the University's divisions. For its priorities the faculty requested \$705,000 in base budget support and received \$216,000. In one-time-only funding it asked for \$275,000 and received nothing at this time. From the transitional fund, it requested \$256,000 and received \$150,000.

Highlights:

- * request for three academic FTEs in biomaterials and cariology granted; request granted in part to support four faculty in periodontal physiology when Medical Research Council funding ends in 1999; two positions related to proposed centres of excellence are expected to be self-funded
- * OTO support of \$150,000 to establish a stronger continuing education operation granted; the move is part of a strategy to target graduates who will be required by law to upgrade courses
- * \$106,178 for three bridges to academic retirements denied.

Discussion:

The provost enthusiastically endorsed the faculty's plan but issued one caveat. The faculty proposed that up to 75 percent of the time of certain members be reserved for research and graduate student supervision. Removing faculty from teaching for a large portion of time contradicts the emphasis the faculty places on bringing scholarship into teaching, the provost said.

FACULTY OF SOCIAL WORK

The faculty's operating budget for 1996-97 is \$3.2 million. It requested \$247,887 in base and \$1.1 million in one-time-only funds and will receive \$94,471 in base budget and another \$103,700 in funds contingent on raising money for an endowed chair. In one-time-only, \$143,516 was approved. From the transitional fund, the faculty will receive \$275,000; it requested \$456,325. Budget cuts will mean the elimination of one administrative position and the reduction of another to half-time. Three academic staff positions will not be replaced upon retirement.

Highlights:

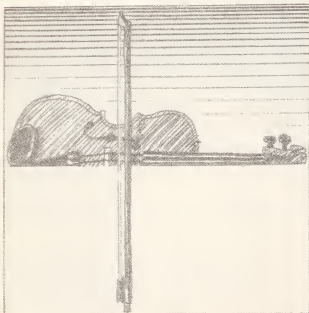
- * faculty requests two FTE academic positions in the child and family area; granted under the leap-frog scheme
- * request for .66 FTE appointment in race, culture, aboriginal

issues and gender (with the Faculties of Arts & Science and Law); granted, for a total of two FTEs

- faculty requests \$412,500 for 1.5 research associates for five years; granted 1.5 positions for one year at \$82,500
- request for \$22,000 for teaching assistants and research assistants denied; teaching assistantships must be made on the grounds of teaching needs and research assistants should be paid from grants and contracts, provost said.

Discussion:

Since founded in 1989, the faculty's research office has been supported on a one-time-only basis on the understanding it would eventually be self-funding. Although it has not yet attained that goal the last four years have seen an increase in research grants and plans for private fundraising initiatives, said former acting dean Marion Bogo. The faculty plans to increase its doctoral program by 10 FTE students for a total of 45. At the same time it will reduce its master's enrolment by 14. Few Canadian universities offer PhD programs in social work despite the huge market demand for these graduates, Bogo said.



FACULTY OF MUSIC

The Faculty of Music did not submit a plan. However, the committee approved \$33,000 from the Academic Priorities Fund in one-time-only funding to upgrade a part-time opera position to full-time and \$41,250 base budget funding from the priorities fund for a part-time viola position.

SCHOOL OF GRADUATE STUDIES

The School of Graduate Studies plan has two components: administration and graduate centres and institutes. The administrative plan is under review and results are not expected until later in the fall. The plan for centres and institutes has a base budget of \$7,265,301. The school requested \$666,000 in base and \$350,000 in one-time-only funding. It will receive \$393,000 and \$255,000 respectively.

Highlights:

- \$150,000 moved from OTO to base funding for new programs in the Centre for International Studies
- \$150,000 for two new master's programs in international relations with Faculties of Arts & Science, Management and Law granted; this includes support for a director, instructors, secretary and workshops for a total of 2.5 FTEs
- request for \$120,000 for the Institute for Environmental Studies denied
- request for \$180,000 for Centre for Medieval Studies to support four new courses over next five years granted
- request for \$100,000 to give women's studies status as centre denied; request for \$50,000 in one-time-only funding from the Academic Priorities Fund for two years to support the program until its review, granted.

Discussion:

Sedra praised the school for its initiative in creating new programs but urged it to become more aggressive in cancelling programs. Dean Jon Cohen, however, pointed out the centres are not a drain on the University's resources since they attract research money and generate grant income. The Institute for Environmental Studies requested funds for the repatriation of faculty who had been cross-appointed to the institute. But

Sedra said that the institute, having already received funds to make cross-appointments in the first place, should find other funding for reorganization.

TRANSITIONAL YEAR PROGRAM

The one-year program is designed to prepare educationally disadvantaged students to enter degree studies at U of T. It has not yet taken a base budget cut of \$25,000 assigned in the previous long-range budget plan and was to take another \$44,000 base budget reduction in the current planning period. However, the committee decided its budget should not be reduced at a time when it has been able to attract a major donor. With TYP's current base budget of \$685,000, the program will maintain and enhance its services.

Highlights:

- request for \$190,000 for 3.15 FTE academic and 0.5 FTE administrative positions deferred until divisional review in 1995-96.

FACULTY OF EDUCATION

Given the Faculty of Education's time spent developing a merger plan with the Ontario Institute for Studies in Education, FEUT did not submit an academic plan; however, it had three requests. In base budget funding from the Academic Priorities Fund it will receive \$116,500, in one-time-only funds, \$300,000.

Highlights:

- request granted for \$96,500 for the model school proposal, the development of a lab school within University of Toronto Schools. After provincial government support was cut from UTS, a fundraising campaign has helped to raise \$5 million of school's \$10 million goal
- faculty requests \$680,000 in OTO funding for upgrading information technology infrastructure; \$300,000 granted.

FACULTY OF FORESTRY

The faculty's plan was approved in the spring of 1994 following a decision to phase out the undergraduate program and focus efforts on research and graduate studies. Planning & Budget Committee considered certain supplementary requests.

Highlights:

- request for \$51,473 to support an urban forest centre denied because it was not included in the 1994 plans
- request for \$25,000 for base budget funds for field training in the master of forest conservation program denied; \$45,000 in OTO granted
- request for \$231,550 for severance costs from the transitional fund; \$57,722 granted in addition to \$25,000 previously approved
- request for about \$80,000 for funding shortfall for administrative and early retirement costs denied.

WOODSWORTH COLLEGE

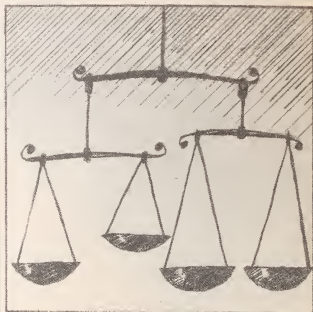
The college will take its annual budget cut from a base of \$6,871,833. It has been allocated \$104,500 for its base budget and about \$250,000 in one-time-only funding.

Highlights:

- funding approved of \$49,500 for cross-appointments in the criminology undergraduate program
- request for \$295,700 for funding of Hong Kong and Mexico programs denied; "funding ... is not recommended at this time, pending further development of these initiatives," which should involve collaboration with other divisions and private fund raising, provost said
- \$33,000 allocated for cross-appointment in labour-management relations.

Discussion:

Plans to meet assigned budget cuts by reducing expenditures in the summer session concerned the provost. He asked for further information on whether University income will be lost and how students will be affected.



FACULTY OF LAW

The faculty plans to cut \$436,735 a year from a base of \$6,239,091 until 2000. For priorities identified in the faculty's academic plan, \$201,171 in base and \$15,000 in one-time-only funding from the priorities fund were granted as well as \$128,000 from the transitional fund. The provost's office promised funds for a further seven positions, conditional on private fund raising.

Highlights:

- faculty's request to increase academic complement to 40 FTE appointments granted
- funds of \$350,450 for seven FTE appointments, conditional on faculty raising \$1 million for each of four chairs, granted
- faculty requests \$5,000 in base funding to establish more aggressive recruitment strategy for graduate students; \$15,000 one-time-only granted.

Discussion:

The faculty cannot reach its critical complement of 40 without support from private donors. Over the next few months the faculty will be discussing areas for new chairs and possible relationships to the corporate community. It plans to continue to develop partnerships in and outside the University including links with universities in South Africa, Israel, Italy, Japan, China and the Caribbean.

ERINDALE COLLEGE

The college's base budget is \$31,584,190 in the period 1996-2000. It will receive \$1.3 million in base budget funding and almost \$1.2 million in one-time-only funds.

Highlights:

- college requests funds for 24-77 academic positions; funding for 13.67 tenure-stream appointments granted as well as three appointments under the endowed chairs program with three accompanying "leap-frog" junior appointments
- college requests \$637,000 for development of graduate programs in accounting, technology management and biotechnology; \$15,000 for feasibility study granted
- for teaching assistance support, college requests \$255,000 and receives \$85,000
- college requests \$65,000 in base budget and \$30,000 OTO funding for clinical research (graduate), forensic sciences and theatre and drama studies; \$135,000 granted, one time only
- college plans to convert stipendiary teaching in social sciences to instruction by full-time faculty as part of regular course loads.

Discussion:

Erindale is expanding into graduate education and research in the areas of accounting, biotechnology and technology management. These areas are attractive from a fundraising point of view, said Professor Roger Beck, former acting principal. However, Professor Jack Carr, chair of economics, argued that if departments at Erindale are self-contained, they will duplicate other programs in arts and science. Sedra said no duplication will take place.

LETTERS



PRESIDENT DID RESPOND TO LETTER FROM FUREDY

Professor Furedy's article in *The Bulletin* (One professor warns (again) that the concept of academic freedom is being stretched too far, Aug. 21) states that "no one has replied" to the letter from himself, the editor of the *Varsity* and the editor of *The Mike* to me concerning the seizure at Erindale of copies of an edition of the newspaper. In fact, I replied in a letter dated July 24, 1995. Since their original letter was published in *The Bulletin* (Outrage, April 24) Professor Furedy and I have agreed that it would be appropriate to publish my reply:

"Dear Mr. Rolston and Associates: Thank you for your letter of April 6. I share your concern.

The University of Toronto takes seriously its various published commitments to respecting and enabling the ability of its members and guests to express themselves freely. They lie at the core of our University. Although the University reserves the right to make reasonable restrictions on where and when people may speak or publish on its campuses, it generally does not formulate these restrictions based on the content of the speech or publication.

It appears that Mr. Walker's actions in removing the March 29th edition of the newspaper were incompatible with the University's commitments in this area. They should be understood as an isolated and regretted incident and not as a precedent. My concern was sharply

mitigated by my understanding that members of the University came to the Erindale campus the day following Mr. Walker's actions and were allowed, by the college administration, to distribute freely copies of the newspaper, so that, in the end the issue was widely available at Erindale. This was the appropriate remedy.

Warm regards,
J. Robert S. Prichard

J. ROBERT S. PRICHARD
PRESIDENT

ANOTHER ANGLE IN EQUITY DEBATE

I read with interest the commentary Reflections on UBC (Aug. 21). As a doctoral candidate in the Department of Psychology I have had some exposure to the two protagonists, Professors Furedy and Freedman. Your readers should know how much personality and politics play in their arguments. Let me explain.

John Furedy has long been an advocate of free speech and a friend of the academic enterprise. The essence of his comments was that equity is not doing what it was supposed to do — that is, assure real fairness on campus. I believe this situation was inevitable; until the recent obsessions with "racism," "sexism" and "equity," I have never seen or heard of any systematic unfairness on campus. Unjustified equity rules have degenerated into a search by perceived victims for approval from other perceived victims — women,

ethnic and racial minorities and such. The dangerous assumption behind modern-day equity is that personal attitudes have to be adjusted by university authorities, representing government authorities. This used to be called a violation of rights or, more broadly, dictatorship.

Furedy's cry of alarm mentions cases in which academic free speech was threatened and he describes the facts. Professor Jonathan Freedman's coy reply, in contrast, consists mainly of theory, not facts. He describes much of what his wife, an equity officer, is supposed to be doing. But he completely ignores the question of whether any of these actions are necessary or even appropriate. Freedman first implies that the oft-reported Cannizzo case could have been settled fairly by an equity officer. This conclusion is ludicrous since fairness was never an issue in a blatant act of grandstanding by a group of disturbed attention-seeking ethnic radicals. Freedman states that equity concerns campus safety. How, and for whom — ethnic minorities? The disabled? Don't we have policemen, and our own common sense, to guide us on this issue?

Freedman then says that equity concerns discrimination against non-whites, natives and women. Precisely what discrimination is he referring to? Can he demonstrate that systematic discrimination exists on campus — or is he simply interested in suppressing the ideas of anyone who might have a negative personal opinion on non-

whites, natives and women? His third point concerns the need for dealing with sexual harassment; a laudable goal, for the small number of genuine cases that undoubtedly occur. But isn't this the mandate of deans and department heads, instead of million dollar committees influenced by feminist radicals? Finally, Freedman mentions assistance for the disabled, perhaps the only purpose of equity that is without political overtones and beyond the issue of free speech.

As I said, personality plays a role in these comments. Ironically, both Furedy and Freedman belong to the same ethnic and religious minority group; but here the resemblance seems to end. Furedy, the "rebel," is more representative of the old white Christian tradition. He consistently states the facts and points out the blunders of political correctness, without name calling. Freedman, the "Liberal" who represents ethnic views, takes a different tack. I remember Freedman as my teacher in a graduate methodology course. I always understood that the best way to avoid a B grade was to never challenge his passionate interpretations of social psychology. His attitude was: "Do what I'm thinking. Agree with me." It seems that the need to be perceived as correct, and the need to be politically correct, are the same thing. Freedman's attitudes are best summarized in his own words: "Do not forget that univer-

sities are places in which all people must be able to live and work without fear and discrimination." (Italics supplied.) To which I have a reply; and who are you to make that decision, Jonathan?

Jonathan Freedman is now graduate coordinator in psychology. Let's hope he will turn his talents towards correcting the disgracefully poor state of graduate funding instead of correcting John Furedy's views. We need tangible goals here, not theory; liberals, not Liberals.

LANCE NIZAMI
PSYCHOLOGIST, ERINDALE COLLEGE

MOVING FORWARD

I would like to thank all those who supported me during the recent campaign for UTFA president, those who voted for me, and also those many members of UTFA Council who signed my nomination form.

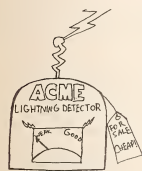
The results showed that the membership is divided, reflecting already apparent divisions between the executive and many on council. But an election is part of a democratic process that aims at resolving such divisions; our election will, I trust, be no exception to this rule.

I expect Bill Graham to complete this process and lead UTFA successfully in the coming year. I offer him my support in moving the association forward.

FRED WILSON
DEPARTMENT OF PHILOSOPHY

SPOTLIGHT ON RESEARCH

FROM LIGHTNING DETECTORS TO CINEMATIC NEUROSIS



Looking for lightning

Electromagnetic instruments that determine where lightning has struck throughout the province and its severity are being probed for accuracy by U of T. The dozen or so lightning location and protection (LLP) systems are operated by the Ministry of Natural Resources' forestry service, mainly in northern Ontario. Professor Wasył Janischewskyj of the Department of Electrical & Computer Engineering and a team of collaborators are measuring the instruments' precision against what they believe are more accurate lightning measurements taken at the CN Tower in Toronto.

"We suspect that LLP devices pinpoint lightning location only to within five kilometres or so of an actual strike," Janischewskyj says. While this may be close enough distance for the forestry service, which sends out airplanes to check if strikes have started forest fires, it is not good enough for hydroelectric companies whose services are often disrupted or cut off altogether by lightning. "They want to know how exact these systems are in order to better protect their power lines and substations."

Janischewskyj is studying video recordings of lightning strikes and the physical processes that occur when lightning hits the CN Tower. At the same time he is scrutinizing data gathered by the LLP systems as well as information on the instruments' technical performance. He expects that his findings will be very useful to power companies and those who design lightning protection devices, among others. "We hope the information will lead to better readings at the LLP systems but also be of help to those deciding where to

put power lines and how to protect buildings and even aircraft against lightning strikes."

Saliva useful

In a U of T study of Winnipeg's gay community, saliva tests provided 22 percent more information about HIV antibody status than self-reporting by individuals.

"This is the first study to ask gay and bisexual men about their HIV/AIDS status and then ask them for a voluntary saliva sample," says lead researcher Ted Myers of the Department of Health Administration. "While saliva has been used in research with other populations, this is the first time it was used with gay and bisexual men."

Following an extensive community promotional campaign, gay and bisexual men were recruited for the study in Winnipeg bathhouses and bars. Participants first completed surveys about their social and sexual attitudes and behaviours and then were asked to provide voluntary

saliva samples — 85.6 percent complied with both components of the study.

The study, based on a non-clinical sample of gay and bisexual men, also found that study participants who were in relationships engaged in riskier sexual practices than those with casual sexual partners, regardless of the length of relationship.



More than entertainment

Movies can take on a life of their own, or so it seems to individuals with cinematic neurosis.

A U of T psychiatry resident at the Clarke Institute of Psychiatry

recently had a case of a young psychiatry patient who reported intrusive thoughts of being possessed and flashbacks to the movie *The Exorcist*.

After treating the patient with psychotherapy Dr. Bruce Ballon researched the phenomenon and found a small body of literature on the subject. "Cinematic neurosis is a form of borderline crisis shaped by a film narrative which filters into the individual because it reflects current life issues and is culturally significant to him or her," Ballon says.

According to the literature and his case, Ballon says individuals who experience it usually have a identity disturbance and have high cultural ideals which they have difficulty maintaining. In most cases they have recently experienced the loss of a family member who they were ambivalent about. They can usually be effectively treated by short-term psychotherapy.

Movies most commonly associated with cinematic neurosis include *The Exorcist*, *Jaws* and *Invasion of the Body Snatchers*.



Information Commons
University of Toronto

E-MAIL • INTERNET ACCESS

The Information Commons, as its first initiative, provides and supports Internet access and electronic mail accounts jointly with University of Toronto Computing and the University of Toronto Libraries.

The University of Toronto is pleased to introduce the **Information Commons**, a new service for all members of the University community. Based on recommendations of the **Taskforce on Academic Computing** and the **Taskforce on the Electronic Library**, the Information Commons will facilitate the distribution, development and use of information technology at the University.

Internet access and electronic mail will be available to all University of Toronto students, faculty, and staff September 25th. The service is not intended to displace existing e-mail services.

IT ALL STARTS WITH YOUR UNIVERSITY OF TORONTO LIBRARY CARD

You will need your library barcode to create a mailbox for UTOEmail and to access the Internet. If you currently have an e-mail account, you can obtain a UTOEmail mailbox as well.

New Students

If you have a paper student card, get your library card at the Roberts or Sigmund Samuel Library. If you have a photo ID card, first get a blue 1995-96 registration sticker from your faculty for the back of your photo ID card. Next go to any campus library to get a library barcode for the back of your photo ID card.

Returning Students

If you have no changes to report, your library card will be updated automatically. If you have changed your name or student status, update your information at the Roberts or Sigmund Samuel Library.

Faculty and Staff

Faculty and staff who don't have a library card can arrange to have one mailed to their workplace by calling Patron Services at 978-7694.

Departmental Mailboxes

A department can make arrangements with the Library to obtain one or more departmental bar codes to create mailboxes (e.g., graduate.studies@utoronto.ca).

For more information about library cards call 978-7694.

GETTING THE RIGHT SOFTWARE

The performance and range of features available to you depend on your method of access. We'll give you the basic software and documentation you need for Internet access and e-mail; the starter package costs \$5. First, we need some information to make sure that we give you the right materials.

Identifying Your System

You can use the packages listed in the table below with a desktop computer and a modem or a desktop computer on a Local Area Network (LAN).

Desktop Computer and Modem

Simply match your desktop computer (as closely as possible) with one of the options in the table. Then go to the Information Desk at any of the following libraries — Roberts, Sigmund Samuel, and Engineering — and ask for the starter package for your system.

Desktop Computer on a Local Area Network (LAN)

Contact your local support person.

If you have difficulty with the installation or use of the software, call the **Information Commons Help Desk at 978-HELP (978-4357)**.

CHARGES FOR DIAL-IN SERVICE

UTORdial allows you to use your modem to access e-mail and connect to the Internet with full connectivity, including graphics. As well as providing PPP (Point-to-Point Protocol) service, UTOdial offers several modes of connection including terminal emulation. The service will initially offer connections at speeds up to 14,400 bps, soon to accommodate speeds up to 28,800 bps.

For the 1995-1996 academic year, the rate for modem connection will be \$0.55 per hour. Connection time is sold in non-refundable, non-transferable 20-hour blocks for \$11.00. Your first 20 hours are free. You can purchase additional blocks of time at the Sigmund Samuel, Roberts, and Engineering libraries.

Alternatively, the PACXNET service, which has been offered for a number of years, will continue to provide limited character-based access at speeds up to 9,600 bps. The PACXNET service will remain free for the 1995-1996 academic year.

STARTER PACKAGE SELECTION TABLE

Desktop Computer	Operating System ¹	RAM	Required Hard Disk Space ²	Starter Package	Features
PC (IBM & compatible)					
80386/486 or Pentium	Windows 3.1 or 3.11	≥ 4 MB	7 MB	PC Connection Kit ³	E-Mail: full; graphical interface Internet: full; graphical interface
80386	DOS	1 MB	2 MB	DOS Access Kit ³	E-Mail: full; character-based interface Internet: full; character-based interface
80286 or XT (8088)	DOS	640 KB	260 KB	Procomm ⁴	E-Mail: limited; character-based interface Internet: limited; character-based interface
Macintosh					
68020 or higher	Mac OS 7.X	≥ 4 MB	5 MB	Mac Connection Kit ³	E-Mail: full; graphical interface Internet: full; graphical interface
Mac Plus, Mac SE	Mac 6.0X	1 MB	381 KB	Mac Access Kit ⁴	E-Mail: limited; character-based interface Internet: limited; character-based interface
No Equipment					
Access through UTLINK at any Library					E-Mail: limited; character-based interface Internet: limited; character-based interface

¹ We do not currently provide starter packages for the following operating systems: Windows 95 (this will soon be supported), Windows NT, OS/2, OS/2 Warp, Linux, and UNIX.

² This is the amount of space required for software. You will need additional space if you want to save e-mail messages, download files, etc.

³ Connection via UTOdial. There is a charge for this service.

⁴ Connection via PACXNET. This service is free.

To learn more about the Information Commons and its services, visit us at the Roberts Library, First Floor, or see our web site at http://www.information_commons.utoronto.ca/welcome.html

CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$50 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word. No charge for postal code. A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to Nancy Bush, Department of Public Affairs, 21 King's College Circle, 2nd Fl., Toronto, Ontario M5S 1A1.

Ads will not be accepted over the phone. To receive a transcript and/or receipt please include a stamped self-addressed envelope. For more information please call: 978-2106.

ACCOMMODATION RENTALS AVAILABLE —METRO & AREA—

Sabbatical rental, January-July 1996. Professor's furnished house, quiet tree-lined street, High Park area, near transit (30 min. to U of T), shopping, 2 bedrooms & study/nursery, laundry, garden. Garage negotiable. No pets, non-smokers. \$1,500 + utilities. (416) 769-9291.

Bathurst/Dupont first floor/basement, furnished house. January 1 – April 30, 1996. Close to University, metro, shopping, restaurants. 2 bedrooms, 2 bathrooms, carpeted, fireplace, dishwasher, washer/dryer. \$1,000 per month. Call (416) 534-2550, fax (416) 534-7218.

Short-term, 4-5 months. Furnished detached house — 2 bedrooms, 2 bathrooms, new. Quiet cul-de-sac, radiant parking, TTC close downtown. No pets. Non-smokers. October-March, dates negotiable. Suit couple. 755-0540.

Sublet. Large furnished one-bedroom apartment. January to April 1996 (possible for 6 months). Quiet, Harbourfront, good TTC service. \$770 per month, hydro extra. Call Pat (W) 979-6660, ext. 216. (H) 260-8787.

2-bedroom apartment, very central, subway access. 1 master bedroom with 2 queen-size beds, 1 small bedroom with pull-out bed of white leather and white cane furniture. Great stereo, 28" TV, VCR & CDs. Indoor pool and patio — balcony with appropriate furniture, flowers, etc. 3-6 month lease. Suitable for professor or faculty member. Phone: (416) 487-2580.

Sabbatical rental — Toronto. January-July 1996. Large, fully furnished one-bedroom apartment (includes office and dining area) in high-rise security building. Exceptional view, central location in desirable area, close to subway. Rent \$901. Call (416) 926-4501 x5409 or e-mail: kellohugh@yahoo.ca

Central, luxury, fully furnished house, quiet street, 5 min. Davisville subway. Ideally November-April, flexible October-May. 3 bedrooms plus spacious basement, 2 1/2 baths, ample storage. Open-concept, cathedral ceilings, lots of light and pine. Garden, piano, intercom, parking (2). \$1,700/month, (416) 485-9032 or (705) 756-2905. Fax (416) 485-3745.

Unfurnished, luxury, 2-bedroom, 2-bath-room condominium. St. George/Bloor. Long-term lease. \$1,800/month including parking. Storage. Possession date negotiable. Walk to University, hospitals. References. Call (416) 964-0706.

Furnished three-bedroom house available from January 1 — June 30, 1996. Lovely traditional home a 10-minute walk from the University. Suit a non-smoking family. \$1,500 + monthly. Call (416) 978-4686.

High Park close to subway. Newly renovated, 2-bedroom, 2-story apartment. 2 bedrooms. Air conditioning. Large sun-deck. All appliances. Parking available weekends to one month. (416) 763-3899.

Yorkville area/Rosedale/St. W. Bright, renovated ground-floor in beautiful quiet house. Two rooms & large bathroom, french doors, w/o to garden, parking view, security, laundry, parking, use of kitchen. Suits a non-smoking professional. \$1,225 including utilities. Available September 1996 — April 1998. 345-9515.

Renovated Victorian, College & Bathurst. 4 bedrooms, 2 baths, appliances, 2nd-floor balcony, gas heating. References. Parking available. Suit family or mature adults. \$2,200/month + utilities. Backsplit also available. (416) 920-7669.

Ideal sabbatical visitor one year. Spacious, comfortably furnished, 2-bedroom, 2-bath suite condominium & appliances. Balcony. Opposite park. Swimming pool. Security. Parking. Prime central location, 15 minutes on University line to U of T. \$1,425 inclusive. 787-4857.

ACCOMMODATION RENTALS REQUIRED

Responsible female university student, non-smoker, would like to house/flat/pet sit in the downtown Toronto area. By month or academic year in exchange for accommodation. Call (905) 655-9399.

ACCOMMODATION OVERSEAS

Paris, Ile St. Louis, apartment in historic 17th mansion minutes to major museums, libraries, archives. Two rooms plus mezzanine, bathroom, kitchen, calm, sunny, TV, laundry, fax. Available November 1 to April 1996. Fax (416) 961-0162.

HOUSES & PROPERTIES FOR SALE

Upper Beach. 3-bedroom brick semi, open-concept living/dining-room, restored hard-

wood floors & wood trim throughout, modern kitchen & bath, 2-car parking, deck, pretty garden, near park and excellent public school. 690-3653.

Gabriola Island, BC. Five acres, mixed rolling woodland, meadow. Cleared building site with gorgeous view of Georgia Strait, mountains. Hourly ferry to Nanaimo takes 15 minutes. \$189,000. Private sale. No agents. 921-8739, day or evening.

Downtown house for sale \$299,000. 4 BR + large office/family room. Parking, lovely garden, quiet street. Move-in condition, excellent value. Ivan Struminger, Royal LePage Real Estate Services Ltd. 921-1112.

Pretty restored Victorian, 3-story semi in friendly neighbourhood (Ossington/Overcourt), near U of T, downtown. West-end YMCA and French immersion schools. 5 bedrooms, original trim, fireplace, country kitchen with deck to perennial garden. Bright basement apartment. \$260,000. Private. 535-2678.

WORD PROCESSING

Have a thesis or essay you want typed? \$17.50 per page (double-spaced). Printed on laser. Resume packages — resume typed and 20 copies — \$19.99. Superb service. Open 7 days. Pick-up available. TOPS 466-4446.

MISCELLANY

PERSONAL COUNSELLING in a caring, confidential environment. U of T staff extended health care benefits provided excellent coverage. Dr. Ellen Greenberg, Registered

Psychologist. The Medical Arts Building, 170 St. George Street, 961-3683.

INDIVIDUAL & COUPLE THERAPY. Experienced in brief and long-term therapies. Extended health benefits provide full coverage for U of T staff. Dr. Gale Bidlett, Registered Psychologist, C.M. Hincks Institute, 114 Maitland Street (near Wellesley and Jarvis), 972-6789.

Violent Head, Registered Psychologist. Individual, family and group psychotherapy. Work with other cultures, women's issues, addictions, depression, etc. U of T staff health benefits cover cost. 200 St. Clair Ave. W., Suite 404, Toronto M4V 1R1. 922-7260.

Individual psychotherapy for adults. Evening hours available. Extended benefits coverage for U of T staff. Dr. Paula Gardner, Registered Psychologist, 183 St. Clair Avenue West (St. Clair and Avenue Road), 929-3084.

Individual cognitive behavioural psychotherapy. Practice focussing on eating disorders, depression, anxiety and women's issues. U of T staff extended health care benefits provide full coverage. Dr. Janet Cleaves, Registered Psychologist, 183 St. Clair Avenue West (St. Clair and Avenue Road), 929-3084.

Dr. Jeffrey Price, Registered Psychologist offers individual and couple therapy, vocational and psycho-educational assessments and career counselling. Day or evening appointments. Extended health care benefits for U of T staff provide full coverage for most psychological services. 779 Spadina Road, 787-9335.

EVENTS



LECTURES

Superelectrophiles and Their Role in Chemistry.

TUESDAY, SEPTEMBER 12
Prof. George A. Olah, University of Southern California, 159 Lash Miller Chemical Laboratories, 4 p.m. Chemistry

Peace, Technology and the Role of Ordinary People.
MONDAY, SEPTEMBER 18
University Prof. Em. Ursula Franklin, Department of Metallurgy & Materials Science; John & Lois Dove memorial lecture. George Ignatieff Theatre, 15 Devonshire Place, 8 p.m. Chemistry

COLLOQUIA

Currents of Death? The Controversy about Health Effects of Nonionizing Electromagnetic Fields.
THURSDAY, SEPTEMBER 14
Prof. Kenneth R. Foster, University of Pennsylvania, 102 McLennan Physical Laboratories, 4:10 p.m. Physics

SEMINARS

Research Experience in Planning the Future Expansion of an Information Network.
WEDNESDAY, SEPTEMBER 6
Prof. Saad H. Bakry, King Fahd, Department

Saudi Arabia, 211 Roseburgh Building, 3 p.m. Industrial Engineering

Current Trends in the Social History of Medicine in Germany.
WEDNESDAY, SEPTEMBER 6
Prof. Reinhard Sepp, University of Munich, Hannah seminar for the history of medicine. Seminar Room, 88 College St. 4 to 6 p.m. History of Medicine

Plato on Wine.
FRIDAY, SEPTEMBER 8
Prof. Alexander Demerutis, Free University of Berlin, 25e University College, 3:10 p.m. Classics

MEETINGS & CONFERENCES

Business Board.
MONDAY, SEPTEMBER 11
Council Chamber, Simcoe Hall, 5 p.m.

Planning & Budget Committee.
TUESDAY, SEPTEMBER 12
Council Chamber, Simcoe Hall, 5 p.m.

Committee on Academic Policy & Programs.
WEDNESDAY, SEPTEMBER 13
Council Chamber, Simcoe Hall, 4:10 p.m.

Governing Council.
THURSDAY, SEPTEMBER 14
Council Chamber, Simcoe Hall, 4 p.m.

Careers 2000: Charting Your Way through the Changing World of Work.

FRIDAY, SEPTEMBER 15
A day-long conference.
Population, Pyramids and Promotional Prospects, Prof. David Foot, Department

of Economics, 9:15 a.m.
The Changing Nature of Work, Employment and Careers, Titi Slankis, Catalyst Career Strategies Inc. 10:15 a.m.
Five Steps to Taking Control of Your Own Career, Titi Slankis, Catalyst Career Strategies Inc. 11 a.m.
The Right Mountain, Jim Hayhurst, The Right Mountain Crew, 1 p.m.
Real Self-Employment Opportunities for the Future, panel discussion, 2 p.m.
Walking the Tight Rope: Managing the New Work and Personal Realities, Barbara Moses, BBM Human Resources Consultants, 3:45 p.m. The Old Mill, 9 a.m. to 5 p.m. Registration fee: \$195. Information and registration: 978-2400, SCS

University Affairs Board.
TUESDAY, SEPTEMBER 19
Council Chamber, Simcoe Hall, 4:10 p.m.



MUSIC

TRINITY COLLEGE Choral Evensong.

WEDNESDAY, SEPTEMBER 13
Trinity College Chapel Choir, Robert Hunter Bell, director. Trinity College Chapel, 5:30 p.m.

FACULTY OF MUSIC EDWARD JOHNSON BUILDING Faculty Artist Series.
SATURDAY, SEPTEMBER 16
William Aide, piano. Walter Hall, 8 p.m. Tickets \$15, students and seniors \$10.



PLAYS & READINGS

Shane Peacock.
WEDNESDAY, SEPTEMBER 6
Shane Peacock reading from *The Great Farini*; U of T Bookstore series. Main Space School of Circus Arts, 210 Main St. at Danforth, 7:30 p.m. Information: 978-7989 U of T Bookstore and CBC Radio 740

Matt Welsh.
MONDAY, SEPTEMBER 18
Electronic demonstration by author of *Reading Linux*; U of T Bookstore series. Mechanical Engineering Building, 7:30 p.m. Information: 978-7989, U of T Bookstore and CBC Radio 740

EXHIBITIONS

THOMAS FISHER RARE BOOK LIBRARY
A Pride of Gifts: Donations from Our Friends, 1990-1994
TO SEPTEMBER 15

Selection ranges from a Babylonian uniform tablet of 1789 BC to incunabula to modern literary manuscripts. Thomas Fisher Rare Book Library. Hours: Monday to Friday, 9 a.m. to 5 p.m.

ROBERTS LIBRARY
Unknown Russia.
SEPTEMBER 5 TO SEPTEMBER 23
Anatoli Mouchkortov, paintings of ancient Russian architecture on silk. Main Display Area. Hours: Monday to Friday, 8:30 a.m.

to midnight; Saturday, 9 a.m. to 10 p.m.; Sunday, 1 to 10 p.m.

JUSTINA M. BARNICKE GALLERY HART HOUSE

SEPTEMBER 2 TO OCTOBER 5
The "Other" Group: Canadian Women Artists, 1912-1945.
Works selected from the Hart House Permanent Collection and from Friends of Hart House. East Gallery.

David Milne: Painting Place & Things.
Artist's works selected from the Hart House Permanent Collection. West Gallery. Gallery hours: Monday to Friday, 11 a.m. to 5 p.m.; Saturday, 1 to 4 p.m.

MISCELLANY

Graduate Orientation 1995
FRIDAY, SEPTEMBER 8
All sessions at Hart House. Information tables and coffee. East Common Room. 8:45 a.m.
Welcome. President Robert Pichard and Dean Jon Cohen. Great Hall, 10 a.m.
Panel discussions: Focus of Funding; Strategies for Survival; Finding a Balance: Your Life as a Graduate Student. Great Hall, 11 a.m. SGG

DEADLINES

Please note that information for Event listings must be received in writing at The Bulletin office, 21 King's College Circle, 2nd floor, by the following times:
Issue of September 18, for events taking place Sept. 18 to Oct. 2: **TUESDAY, SEPTEMBER 5.**
Issue of October 2, for events taking place Oct. 2 to 25: **MONDAY, SEPTEMBER 18.**

RESEARCH NOTICES

For further information and application forms for the following agencies, please contact University of Toronto Research Services (UTRS) at 978-2163.

MEDICINE & LIFE SCIENCES

ALZHEIMER SOCIETY OF CANADA

The society supports activities that enhance information relevant to the biomedical, social and psychological aspects of Alzheimer's disease. Funding is offered in two categories: training awards to provide outstanding individuals with the opportunity to undertake research training in a doctoral degree program or to gain post-doctoral experience in research methods (doctoral awards are for health professionals or non-health professionals holding a master's degree; post-doctoral awards are for candidates who have completed all formal research and clinical training), and research grants related to (1) the design and execution of biomedical research into the cause and cure of Alzheimer's disease and (2) in the exploration of non-biomedical areas, focusing on the social and psychological aspects of Alzheimer's disease, caregiving, family support and long-term care. Deadline for all programs is October 16.

AMERICAN LUNG ASSOCIATION

The association offers awards aimed at the impact of lung disease, the prevention of lung health and the development of academic scientists. Funding programs include: nursing research training awards for professional nurses holding a master's degree, with priority given to individuals pursuing an academic career; research training fellowships for applicants holding an MD, PhD or equivalent and seeking further training as scientific investigators; paediatric pulmonary research fellowships for development of investigative or academic medicine related paediatric lung disease; behavioural science dissertation grants for doctoral students in the fields of science related to the social, behavioural, epidemiological, psychological and education aspects of lung health; and career investigator awards that provide stable salary and/or project support for new investigators. Eligible candidates for most categories should be US citizens training in US or Canadian institutions, Canadian citizens or permanent residents of the US training in US institutions. Applications must be obtained directly from the association. Deadline is October 1.

BRAIN TUMOR FOUNDATION OF CANADA

The foundation supports brain tumour research, provides postgraduate fellowships support services and education services to the public. Deadline is October 1.

BURROUGHS WELLCOME FUND

A maximum of 12 career awards in the biomedical sciences are offered each year to support outstanding young investigators in the US and Canada. The aim of the program is to provide research training support and to assist individuals towards independent research during their initial years. Eligible candidates must be citizens or permanent residents of the US or Canada and individuals who hold a faculty appointment as an assistant professor or higher are not eligible. A maximum of six nominations may come from any given institution. Interested candidates are advised to contact the research office of the Faculty of Medicine for information on the faculty's internal deadline and nomination review process. Deadline is October 1.

CANADIAN CYSTIC FIBROSIS FOUNDATION

The foundation offers funding in support of research, clinical care and training in research areas related to cystic fibrosis. Clinical incentive grants are available to Canadian hospitals and/or medical schools to help establish comprehensive programs for patient care, research and teaching in cystic fibrosis. Research grants are available to individuals or groups of investigators to facilitate the scientific investigation of all aspects of CF. The following personnel support awards are offered: scholarships for

candidates who have completed post-doctoral training within the preceding five years; fellowships for research training, basic research or clinical research in areas of biomedical or behavioural science pertinent to CF (MD or PhD degree necessary); and studentships for graduate students who are registered for a higher degree and undertaking full-time research in the areas of biomedical or behavioural sciences relevant to CF. There are no citizenship restrictions. Deadline is October 1.

CANADIAN GENOME ANALYSIS & TECHNOLOGY PROGRAM

An evaluation of the program is now under way as the first step towards renewal of the program. Letters of intent will still be accepted and deadline dates for these remain the same: January 2, April 1, July 2 and October 1. Funds are still available for interaction grants and requests may be submitted at any time. Information on the CGAT Program may now be accessed electronically: WWW site address is <http://www.hwc.ca:8100/genome/cgaten.html>.

CANADIAN NURSES FOUNDATION

The CNF/Ross award for nursing leadership recognizes a Canadian nurse who has demonstrated outstanding leadership and who has made a major contribution to the field of nursing research or education in any of its aspects including education of the public. Nominations should be made directly to the foundation. Deadline is October 15.

CANCER RESEARCH INSTITUTE (US)

The institute funds research aimed at furthering the development of immunological approaches to the diagnosis, treatment and prevention of cancer with special emphasis on tumour immunology. CRI currently supports post-doctoral fellowships in cancer immunology or general immunology. Eligible candidates must conduct their proposed research under a sponsor who holds a formal appointment at the host institution. The sponsor/mentor may have only one CRI-supported fellow at a time. There are no citizenship restrictions and supported research may be conducted anywhere in the US or abroad. Deadline is October 1.

WENDY WIL CASE CANCER FUND, INC. (US)

The fund offers support to young investigators primarily in clinically related innovative cancer research. While there is no formal application, details of the format are outlined in the grant application procedure. The usual application procedures and signature requirements apply. Deadline is October 1.

DAIRY FARMERS OF CANADA

The objective of the research funding program is to gain a better understanding of the specific role of dairy components in the attainment and maintenance of optimum health and product development. In addition DFC encourages the development of new products and new uses for dairy components and will consider applications that will help make dairy producers and dairy products more competitive. Of particular interest are research into biological activity and effects of the constituents of milk and milk products, comparison of diets that include and exclude dairy foods with regard to their effects on lipid metabolism and cardiovascular diseases and the effects of dairy product nutrients on mineral metabolism *ad bone*. Application is by letter of intent. Deadline is October 1.

DERMATOLOGY FOUNDATION

The foundation offers support for research and research training in cancer and other diseases of the skin, hair and nails. Research must be conducted in the US or Canada and funding is available under the following programs: clinical cancer

development, to support young, clinically oriented academic investigators; clinical cancer development awards in health care policy, to establish and develop health policy careers for dermatologists with a faculty appointment; cancer development awards in skin research, to assist in the transition from fellowship to established investigator; new clinician scholar research fellowships, to support dermatologists committed to a career in academic dermatology; research fellowships, to post-doctoral fellows to support training in dermatology and cutaneous biology; research grants, to initiate research in dermatology and cutaneous biology. Special grants are also available for cancer, dermatologic surgery and oncology and epidermolysis bullosa. Some restrictions apply to the number of applications in each category that may be submitted from any one academic institution. Deadline is October 2.

FRANCIS FAMILIES FOUNDATION

The Parker B. Francis fellowship program offers funding to qualified post-doctoral candidates to devote the major part of their professional effort in research related to pulmonary disease. Candidates must be sponsored by an established investigator; there are no restrictions regarding discipline or department other than the foundation's limit of two fellows in a department at any one time. Clinical and basic science are equally accepted, but the proposed research must be of a fundamental nature. Applicants must have proof of permanent residence in the US or Canada. Deadline is October 11.

HEALTH CANADA/NHRDP/MRC

The HIV/AIDS Research Program provides funding for biomedical and applied health research, including HIV/AIDS career and training awards. The awards that are currently funded, applications now under review and future applications that are successful in peer review will be funded from the remaining available resources of the program and must be completed by March 1998. For this reason the final intake for HIV/AIDS research under phase II of the National AIDS Strategy will be Nov. 1. This applies to projects, career awards and training awards. After November all applications are to be submitted to the regular competitors of NHRDP, MRC and SSHRC.

HOSPITAL FOR SICK CHILDREN FOUNDATION

The foundation will support research and innovative programs in child health across Canada. The types of applications in which the foundation is interested are programs and projects that have relevance in promoting the physical, mental and social well-being of children, have some system of measurement and comparison of results, have specific goals to which measurement can be applied, are new and innovative in nature and encourage multidisciplinary research. Funding is offered under the following programs: research grants; films and audio-visual projects; and conferences and seminars. Further details on programs are available from the foundation or from UTRS. The foundation also offers fellowships in a variety of disciplines related to and considered to be of high priority in paediatric health care in Canada. Eligible candidates must be residents of Canada with the status of citizen or landed immigrant. Nomination is by the dean of the Faculty of Medicine and the chairman of the department involved. Details are available from UTRS or the research office of the Faculty of Medicine. A limited number of fellowships are offered for post-graduate foreign students and for researchers to work with senior staff in the research institute of the hospital. All inquiries about this program should be directed to the research institute. Deadline for all programs is October 1.

MULTIPLE SCLEROSIS SOCIETY OF CANADA

The primary aim of the society is to stimulate and support research in multiple sclerosis and allied diseases. The current general regulations, terms and conditions as set out by MRC are used by the society to cover eligibility for grants, purpose, ethical considerations and research involving biological materials. Funding is available under the following programs: research grants, for one to three years for the direct research costs for projects conducted in or under the auspices of an approved institution; career development awards, for applicants holding a doctorate and carrying out full-time independent research relevant to MS in a Canadian school of medicine; post-doctoral fellowships, for candidates holding an MD or PhD to pursue full-time research work in a recognized institution dealing with problems relevant to MS; and research studentships, for candidates working toward an MSc, PhD or related degree. Applicants directed towards understanding the pathogenesis and potential treatment of MS will receive priority. Deadline is October 1.

NATIONAL INSTITUTES OF HEALTH

Investigators are advised that the NIH application kit has been substantially revised and now contains sample application forms only. Form pages have been printed separately and as this may be the last set of instructions for a "hardcopy" application, investigators are encouraged to retain the application kit for future submissions. The new kit will be in effect after October 1.

PRIET GALEN CANADIAN/MACLEAN HUNTER

This annual award is given in recognition of excellence and achievement in pharmaceutical research and development. Two awards will be given for the 1996 edition of Priet Galen. One is for a drug product launched on the Canadian market in 1994 and considered to have made the most significant contribution to pharmaceutical terms in efficacy, safety and innovation; the other is for a researcher or research team to have made the most significant contribution to pharmaceutical research in Canada. Interested researchers in the Faculties of Medicine, Dentistry, Pharmacy and Nursing should contact their deans directly. Only one submission per faculty will be accepted by the agency. Deadline is October 20.

PHYSICAL SCIENCES & ENGINEERING

NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL

Those applying for any type of NSERC grant are reminded that the deadline date specified by NSERC means the deadline at NSERC and not postmarked that date. If it is postmarked earlier but not received at NSERC by the deadline, it will be considered as late and will be rejected. After the deadline date falls on a weekend, the application(s) must reach NSERC by the previous Friday. The infrastructure grant program has been replaced by a program of major facilities access (MFA) grants that will support the access of researchers to major federal or regional facilities. Deadline at NSERC is October 16. Because NSERC receives a vast number of applications, there is always the possibility of a "lost" or "misplaced" application. It is imperative that all courier receipts be retained by the department or research centre. It is equally important to have noted on all courier slips the name of the researcher whose application is contained in a particular package being forwarded to NSERC. Eligibility criteria: applicants who do not have a tenure or tenure-track position must hold or have a firm offer of at least a three-year appointment at the time of application. There must be at least one year left in the appointment

following the award release date, e.g., until April 1, 1997 for the annual research grant competition. For researchers holding an offer of an appointment, the start date for this appointment should be no later than Sept. 1 of the year of the award. Researchers holding a full-time position at an institution outside Canada are ineligible. Researchers on leave from their institution for more than one year are not eligible to hold an NSERC grant during the leave period unless they spend the major part of the award period (at least two terms) at an eligible Canadian institution.

UPCOMING DEADLINES

SEPTEMBER 7
Pediatric AIDS Foundation (US) — RFP 695.20

SEPTEMBER 15
Alcoholic Beverage Medical Research Foundation — research grants
Association for Canadian Studies — intercultural/inter-regional exchange program
Canadian Genome analysis & Technology Program — research grants, career development grants (invited full applications)
Canadian Society for International Health — training program
Chang Chiang Kuo Foundation for International Scholarly Exchange — Chinese studies
Juvenile Diabetes Foundation International/Canada — post-doctoral fellowships, career development
Leukemia Society of America — scholar award, special fellow, fellow MRC — clinical trials, operating, equipment, maintenance MRC scholars, scientists, senior scientists, distinguished scientists, career investigators (renewals only), clinician scientists
Alfred P. Sloan Foundation — research fellowships

SEPTEMBER 22
Ontario Ministry of Education & Training — URIF

SEPTEMBER 26
Canada Mortgage & Housing Corporation — external research program

SEPTEMBER 29
Guidance Foundation — international awards, Whigman award
NRC — Stretzie prize
Ontario Friends of Schizophrenics — research grants
Ontario Mental Health Foundation — research grants, major equipment grants

OCTOBER 1
Health Canada/NHRDP — invited full applications
International Union Against Cancer — American Cancer Society research fellow, Yamaguchi-Yoshida memorial study grants
Juvenile Diabetes Foundation International/Canada — career development awards (full application), fellowships (full application)
MRC — international scientific exchanges, dyslexia & torticollis (scholar, maintenance for multi-user equipment, multi-user equipment, MRC grants (invited full application)
National Institutes of Health (US) — new research grants
J.P. Bickell Foundation — research grants
James H. Cummings Foundation — research grants
General Motors Cancer Research Foundation — Kettering, Mott, Sloan prizes
Leukemia Society of America — scholar, special fellow, fellow (full application)

OCTOBER 15
Canadian Nurses Foundation — CNF/Ross award (nominations)
Multiculturalism & Citizenship Canada — Canadian ethnic studies program

OCTOBER 31
American Health Assistance Foundation — Alzheimer's research, National Heart Foundation

PHD ORALS

Graduate faculty please call the PhD examinations office at 978-5258 for information regarding time and location for these listings.

WEDNESDAY, SEPTEMBER 6
Hong Zhao, Department of Industrial Engineering,
"Automatic Generation and Reduction of the Semi-Fuzzy Knowledge Base in Symbolic Processing and Numerical Calculation."
Prof. I.B. Kutsen.

FRIDAY, SEPTEMBER 8
Anne Judith Adelson, Department of Education, "Now What? Developing Our Future."
Prof. E. Sullivan.

Robert Brock Campbell, Department of Education, "Communication in Media with Reference to McLuhan."
Prof. R. Courtney.

John Francis Lam, Department of Chemistry, "Understanding Unexpected Reactions of Hydroxybenzylthiamin."
Prof. R. Kluger.

Francine Marleau, Department of Astronomy, "Complete Model and Properties of Self-Gravitating Cosmic Strings and of the Conical Spacetime."
Prof. C. Dyer.

Barbara O'Byrne, Department of Education, "To See a Shadow Dance: How Students Create Meaning in Poetry."
Prof. J. Courtney.

Shumin Zhai, Department of Industrial Engineering, "Human Performance in 6 Degree-of-Freedom Input Control." Prof. P. Milgram.
Prof. W. Buxton.

MONDAY, SEPTEMBER 11
John Robert Mooney, Department of Philosophy, "Aquinas' Use of Self Realization as an Ethical Principle in the *Soma Theologiae*."
Prof. E.A. Synan.

Thomas Kenneth Waddell, Institute of Medical Science, "Signal Transduction by L-Selection in Human Neutrophils."
Prof. G. Downey.

THURSDAY, SEPTEMBER 14
Mo-Yee Lee, Faculty of Social Work, "Post-Divorce Parenting Arrangements, Familial Processes, Children's Emotional Processes and Children's Behavioural Adjustment." Prof. H. Irving.

Pham Hung Nguyen, Department of Computer Science, "Interpolation and Error Control Schemes for Algebraic Differential Equations Using Continuous Implicit Runge-Kutta Methods."
Prof. W. Enright.

FRIDAY, SEPTEMBER 15
William Andrew Snedden, Department of Zoology, "Correlates of Male Mating Success and Their Implications for Sexual Selection in

a Primitive Orthopteran Insect."
Prof. G. Morris.

Luc Theriault, Department of Sociology, "The Location Determinants of Pharmaceutical R&D in Canada: An Examination of the

Managerial Perception in 1993."
Prof. D. Magill.

Jacqueline Joan Underhill, Graduate Centre for Study of Drama, "The Staging of Biblical Drama in Coventry, 1390-1579."
Prof. A. Johnston.

COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees. The deadline for submissions is Monday, two weeks prior to publication.

REVIEW

INSTITUTE FOR POLICY ANALYSIS
A committee has been established to review the Institute for Policy Analysis. Members are Professor Maria Rika Maniates, vice-dean, School of Graduate Studies (chair); Professors Ian Orchard, representative of the dean, Faculty of Arts & Science; Tom Wilson, Arthur Hosios and Samuel Rea, Department of Economics; Jeffrey Macintosh, Faculty of Law; Richard

Simeon, Department of Political Science; and Richard Stren, Centre for Urban Studies; and Annette Niebroisz, graduate student, Department of Sociology; and Maureen Lynham, School of Graduate Studies (secretary). The committee would be pleased to receive comments or submissions from interested persons until September 21. These should be mailed to Professor Maria Rika Maniates at the School of Graduate Studies, 65 St. George St.

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INNER LIFE

The University's quads offer peace, respite and a mirror of the world around them

By ALFRED HOLDEN

DON'T WORRY, BE happy," someone will say as September crashes down on students, faculty and staff. Better advice would be to pause from time to time in the coming frantic weeks and simply take stock.

U of T has spaces expressly designed for the purpose: quadrangles originated as places of contemplation at the monastic establishments from which western universities evolved.

The most celebrated quad is the one formed by the buildings of New College, Oxford, completed in 1386.

While the University of Toronto has nothing to compete with Oxford in terms of age, in terms of quality and variety it is blessed. Depending on the criteria you use to define them, there are a dozen or so quadrangles on the St. George campus.

The groupings of buildings that make up Hart House and Trinity and University Colleges meet the strictest criteria: they enclose rectangular, landscaped courtyards on four sides. But there are many other spaces that work as quads, or aspire to: the yards of Burwash Hall and Victoria University, the garden at Innis College, the courtyards at New College, Whitney Hall and the Sir Daniel Wilson Residence, to name only some.

Though all different, most have in common a sense of peace and place worth dropping in on during the frantic first months of the academic year. But more subtly, those who look can also see that these little worlds apart, right in the middle of things, also mirror the worlds around them.

For instance the Earth Sciences Centre makes a useful case study of the evolving state of quadrangle art, which like all architecture is rooted in tradition but ultimately shaped by its own era. I call these new-age quadrangles because they offer not formal landscaping but miraculous postage-stamp versions of the forests and savannas that the faculties study — reflections of what people do there.

Consider the era when the centre was built, and in these spaces you can see those times — the University's aspirations during the booming yet environmentally conscious 1980s. There was a bit of money around and a postmodern willingness to play with tradition to achieve something new and clever.



The quad at Woodsworth College is another world — unabashedly urban and urbane — as well as a mirror of the altogether different world that built it a few years later. This is an informal, busy place defined by that postmodern alcohol, coffee. Drinks are dispensed from an elegant oval stone

wind masking the noise of the city.

Massey's rich materials and adroit design reveal no trace of the parsimony that afflicts many Canadian university buildings — a mirror of the fact that the college was a gift from the wealthy Massey family. The worldly message here is that patronage was as vital then to the university as it is now.

Tradition is carried to its ultimate in the quads at Trinity College, University College and Hart House (another gift of the Masseys). The latter quad is Gothic, formal and urbane without apology. "Please keep off the grass" signs recommend proper behaviour, the anxious 1962 sculpture by Sorel Etrog, *Complexes of a Young Lady*, seems to frown on students' jeans and sneakers. This quad is beautiful but ultimately fake: like the Gothic skyscraper built for the *Chicago Tribune* or even our own parliament buildings, it is a 20th century take on the past, a movie set of stone rather than plaster, imagery made real to appeal.

Trinity's big, square quad is as Gothic but more honestly scruffy; the pedestal in the middle once supported a sundial — "I am the prophet of the light, dumb when the sun is dark" — but it's been gone for years.

Of the classical quadrangles it falls to the most modest, at University College, to provide the most actually useful sanctuary for study and reflection. The grass is weedy and Bach partitas sometimes drift from open windows upstairs. The arcade on the north side and the long, heavily beamed cloister porch on the west provide discrete passages for people on their way somewhere. Meanwhile terraces and benches, shortly to be sprinkled with autumn leaves, and sooner or later with dustings of snow, are suggesting you ought to take a break, stop and think about something here at this huge, busy university.

THE GRASS IS WEEDY AND BACH PARTITAS SOMETIMES DRIFT

FROM OPEN WINDOWS UPSTAIRS

counter just off the grassy square. Big glass doors on three sides can be thrown open in good weather to merge Woodsworth's interior with the outdoor space. Open or not from early spring to winter people drink their coffee and munch their muffins on the various steps, benches and

